



## Search



## Undergraduate Student Spotlight

[Department Prizes](#)  
[Women in Computing \(WinC\)](#)  
[ACM Chapter](#)  
[HackNY](#)

## Location

[Contacts](#)  
[Directions](#)  
[NYC Information](#)

## Admissions

[Undergraduate Admissions](#)  
[Graduate Admissions](#)

## People

[Faculty](#)  
[Researchers/Visitors](#)  
[Administration/Staff](#)  
[Students: PhD/MS](#)  
[Alumni/In Memoriam](#)

## Research

[Research Areas](#)  
[Tech Reports](#)  
[Theses: PhD/MS](#)  
[Faculty Recognition](#)  
[Student Recognition](#)

## Education

[Undergraduate Program](#)  
[Graduate Program: PhD/MS](#)  
[Courses](#)  
[Office Hours](#)

## News / Events

[Colloquia](#)  
[Calendar: Grad/Undergrad](#)

## Job Openings

[Faculty Positions](#)

## Links

[Libraries](#)  
[Student Organizations](#)  
[CIMS Computing](#)

Date	Subject	Topic	Links
September 25, 2015	<b>Mia Matthias, Jiwon Shin, and Caroline Slason</b>	Mia Matthias (Web programming minor), Caroline Slason (Web programming minor) and Jiwon Shin (CS major, NYU Abu Dhabi) will present their work "Examination and Code Analysis of Siebren Versteeg's 'Untitled Film 2' (2006)" at the symposium "TechFocus III: Caring for Software-Based Art" at the Guggenheim Museum. Their project was supervised by Deena Engel.	<a href="#">TechFocus III: Caring for Software-based Art</a>
April 24, 2015	<b>Daniel Cohen</b>	Daniel Cohen received best poster for CS/Mathematics at the 41st Undergraduate Research Conference of the College of Arts and Science, for his work on building a tool that automatically generates advice to make GPU CUDA code more efficient.	<a href="#">41st Undergraduate Research Conference Poster Winners</a>
January 27, 2015	<b>Youngduck Choi</b>	Youngduck Choi received an Honorable Mention in the CRA Outstanding Undergraduate Researcher Awards 2015.	<a href="#">Outstanding Undergraduate Researcher Awards 2015</a>
December 11, 2014	<b>Abhinay Ashutosh</b>	Abhinay Ashutosh has been selected by the Washington Square News as one of the 10 Most Influential Students of NYU in 2014.	<a href="#">Most Influential 2014 Abhinay Ashutosh</a>
November 24, 2014	<b>Blazej Gawlik</b>	Six students competed in a TEDxNYU event titled "The Pitch: What's Your Angle?" for the chance to present their TED Talk at the club's annual spring conference. CAS senior Blazej Gawlik, who won the competition, discussed the future of artificial intelligence and its challenges.	<a href="#">Students pitch TEDx Talk ideas</a>
October 22, 2014	<b>hackNY Fall Hackathon for Students</b>	The tenth bi-annual hackathon hosted by hackNY took place in the Courant Institute of Mathematical Sciences in Fall 2014. Students from NYU, Columbia, Stony Brook, Rutgers and other local schools came together to spend 24 hours hacking on projects, attending talks and workshops and interacting with sponsor booths.	<a href="#">Tenth Annual hackNY Hackathon At NYU's Courant Institute</a>
June, 2014	<b>International Collegiate Programming Contest</b>	At the 2014 ACM-ICPC International Collegiate Programming Contest, held in Ekaterinburg, Russia, the NYU team placed 13th overall, and 1st among North American teams, beating out teams from such schools as MIT, Stanford, CMU, and Berkeley. Congratulations to the team Bowen Yu, Fabian Gundlach, and Danilo Neves Ribeiro and their coaches Brett Bernstein, Evan Korth and Sean McIntyre!	<a href="#">International Collegiate Programming Contest</a>
March, 2014	<b>North American Invitational Programming Contest</b>	At the 2014 North American Invitational Programming Contest, the NYU team came in 7th. Congratulations to the team Bowen Yu, Fabian Gundlach, and Danilo Neves Ribeiro and their coaches Brett Bernstein, Evan Korth, and Sean McIntyre!	<a href="#">North American Invitational Programming Contest</a>
March, 2014	<b>NYU Bus Tracker</b>	Mike Jaoudi, CAS junior and computer science major, is the creator of NYU Bus Tracker, a popular app that provides real-time locations and departure times for all NYU busses.	<a href="#">Washington Square News</a>
March, 2014	<b>Sakai may soon see replacement through Kipin Hall</b>	Recently launched at New York University, Kipin Hall aims to tackle the numerous inadequacies of existing online classroom supplements. "We did an initial beta test with 2,000 students and 17 professors at NYU back in September," said Abhinay Ashutosh, co-founder of Kipin Hall. Ashutosh, a sophomore at NYU majoring in computer science, said NYU used Blackboard in the past.	<a href="#">Daily Targum</a>
February, 2014	<b>Gold Medal to Yi Louisa Lu in ACM Competition</b>	Yi Louisa Lu has won the first prize in the Undergraduate Student Competition at the 2014 ACM International Symposium on Code Generation and Optimization for her project "Unleashing the Power of General Purpose Graphic Processing Unit" under the supervision of Prof. Mohamed Zahran. Louisa is a senior doing a joint major in computer science and math. Congratulations!	<a href="#">2014 International Symposium on Code Generation and Optimization</a>
October 27, 2013	<b>NYU Purple Team Bowen Yu, Fabian Gundlach, and Danilo Neves Ribeiro</b>	The NYU Purple team of Bowen Yu, Fabian Gundlach, and Danilo Neves Ribeiro won the 2013 Greater New York ACM International Collegiate Programming Contest, held October 27 at Yale University. The team answered all nine problems with no mistakes, and came in 1st of 50 teams, including teams from Columbia, Cornell, Princeton, SUNY Stony Brook, and Yale. They are invited to compete in the ACM International Collegiate Programming Contest in Yekaterinburg, Russia next June. Four other NYU teams competed as well, and did very well. NYU White (Kelly Martin, Danny Padawer, and Chris Williams) placed 11th. NYU Bobcat (Yury Skobov, David Ackerman, and Aviv Goldgeier) placed 14th. NYU Torch (Stephen Hu, Weilun Du, and Dun Wang) placed 17th. NYU Gold (Y.D. Choi, Emily Lin, and Ben Xie) placed 25th out of 50 teams.	

May 2013	<b>Mark Rich</b>	Mark Rich has received an honorable mention in the CRA (Computing Research Association) Undergraduate Research Awards. Mark's project, carried out under the advisement of Prof. Lakshmi Subramanian, involved building a city-level traffic congestion detection and mitigation system that computes real-time traffic densities, based on data from noisy traffic cameras at different locations within a city. The system uses a belief network to interpret and integrate the data, and then leverages this information to accurately predict traffic congestion levels and potentially mitigate traffic jams. Mark is a senior with a double major in Economics and a joint major in Computer Science and Mathematics.	
May 2013	<b>Kim Pham</b>	Kim Pham is one of eleven students selected to be part of the investment team of <a href="#">The Dorm Room Fund</a> tasked with finding the next Mark Zuckerberg.	
December 2012	<b>Di Wu</b>	Di Wu was part of a "Team NYU Hurricanes," along with masters' students Mariya Miteva, Savvas Savvides, and Alexander Theoridis, whose project "Icon Lab for Green Map System" won "Best Engineered Award" at the Google "24 Hours of Good" event.	
May 1, 2012	<b>Adam Krebs</b>	Adam Krebs, a senior majoring in Computer Science, has been awarded the ITS George Sadowsky prize, given to a student who exhibits exemplary innovation in using the Internet for community service. Adam has been extremely instrumental in revamping the Office of Sustainability's website <a href="http://www.nyu.edu/sustainability/">http://www.nyu.edu/sustainability/</a> improving the web presence of the Office of Sustainability and making information about sustainability more accessible and readily available to the University community at large.	<a href="#">Link</a>
December 21, 2011	<b>Evan Korth</b>	Evan Korth is featured in a Wall Street Journal article on the increasing popularity of Computer Science for undergraduate students.	<a href="#">Students Shift to Computer Science.</a>
October 28-30, 2011	<b>Max Stoller, Tengchao Zhou, NYU-AD Hackathon</b>	At the First International Hackathon for Social Good in the Arab World, held at NYU Abu Dhabi, NYU-NY undergraduates Max Stoller and Tengchao Zhou, teaming with Monir Abu Hilal from PSUT (Jordan) won second prize for their application "OpenMena", a web-based resource designed to provide government data in an accessible format for computer programmers.	<a href="#">Interactive Computer Application for Physical Therapy Wins Top Prize at NYU Abu Dhabi Hackathon for Social Good in the Arab World</a>
November 2, 2011	ACM Collegiate Programming Contest	Four NYU teams, coached by Evan Korth and Sean McIntyre, competed in the Greater New York Regional ACM International Collegiate Programming Contest.  Competing against over 50 teams from 22 colleges and universities in the Greater New York Region (including teams from Yale, Stonybrook, Cornell, Columbia, Cooper Union, etc.), our teams' results were: 8th place (7/9 solved): Nathaniel Weinman, Bowen Zhang, Stephen Hu ("NYU2") 11th (6/9): Do Kook (DK) Choe, Yuriy Skobov, Andrew Lott ("NYU1") 20th (4/9): Kelly Martin, Raphael Sofaer, Alexandra Qin ("NYU3") 21st (3/9): Nabil Hassein, Michael Morreale, Andrew Flockhart ("NYU4") Congratulations to the students and coaches on this fine performance!	
October 4, 2011	<b>Jon Chan</b>	Gallatin senior creates app for face-to-face friendship.	<a href="#">Washington Square News</a>
September 19, 2011	<b>Jon Chan</b>	Jon Chan, a senior at Gallatin, is building a business around an iPhone app he created for scheduling business meetings. The project began as a class project for the iPhone programming course taught by Nathan Hull.	<a href="#">New York Post story "Sticking with the program: Entrepreneurial NYU senior Jon Chan is already developing the future"</a>
June 7, 2011	<b>Gauri Manglik</b>	Gauri Manglik is co-founder and CEO of the SpotOn company, which has created the SpotOn iPhone app to recommend restaurants. Gauri got her bachelor's degree in computer science at NYU in 2010. SpotOn began as a course project for a special-topics course in iPhone programming, taught by Nathan Hull.	<a href="#">SpotOn launches in new york city. Is the iphone app a yelp killer?</a>
May 2, 2011	<b>Susana Delgadillo, Kelsey Lee, Elizabeth Pelka, Erin Schoenfelder and Albert Yau</b>	Five students in the computer science department --- Susana Delgadillo, Kelsey Lee, Elizabeth Pelka, Erin Schoenfelder and Albert Yau --- worked on a research project preparing documentation for the computational art work "33 Questions Per Minute" by Raphael Lozano-Hemmer, in the collection at the Museum of Modern Art in New York City. The documentation facilitates conservation decisions about this work in particular and provides a model for this process for such works in general. Susana, Kelsey, Elizabeth, and Albert are computer science majors; Erin is a web programming minor. The project was supervised by Deena Engel of the Computer Science dept at NYU and by Glenn Wharton of MOMA and the NYU Department of Museum Studies.	<a href="#">Student project at MOMA</a>
April 26, 2011	<b>Jiao Li</b>	Jiao Li, a junior majoring in computer science and math, has received a Dean's Undergraduate Research Fellowship (DURF) award. Jiao's research studies algorithms for solving Boolean satisfiability problems on highly parallel architectures. He is working with Prof. Clark Barrett and Dr. Morgan Deters.	
April 26, 2011	<b>Angjoo Kim</b>	Angjoo Kim, a senior majoring in Computer Science and Mathematics, has been awarded a Google Anita Borg Memorial	

	Google Anita Borg Memorial Scholarship	Scholarship.	
Mar 14, 2011	<b>NYUMobile: Your new Favorite iPhone App</b>	Students and alumni from our iPhone Programming course developed an iPhone app to give back to the NYU community bringing NYU's many resources into a united interface.	<a href="#">NYULocal Article iPhone App</a>
Mar 10, 2011	<b>HackNY</b>	Students interested in participating in the Spring 2011 Hackathon can register now.	<a href="#">Spring 2011 Hackathon Student Registration HackNY</a>
Feb 25, 2011	<b>Max Stoller</b>	NYU junior Max Stoller built an app that texts you after you "check in" to a dirty restaurant, and the data he's seeing is alarming.	<a href="#">Web App Donteat.at Warns You Before You Dig In</a>
Jan 28, 2011	<b>Max Stoller</b>	Max Stoller has written an app "Don't Eat At" which warns the user of health code violations at restaurants.	<a href="#">Article Don't Eat At</a>
Dec 1, 2010	<b>Antony Kaplan</b>	Antony Kaplan, a senior doing a joint major in Computer Science and Physics, has won "Honorable Mention" in the CRA Outstanding Undergraduate Researcher Awards for 2011. Antony has won the award for two research projects he carried out. First, under the supervision of Prof. Douglas Schmidt of Vanderbilt University and Prof. Jinyang Li, he developed a set of tools for implementing applications of many different kinds in a cloud computing environment. Second, under the supervision of Prof. Margaret Wright, he did an in-depth study of the errors made by the Excel program in numerical computation.	
Oct 10, 2010	<b>HackNY</b> Fall Hackathon for Students	More than 200 students from 33 universities gathered Saturday afternoon to attend HackNY's fall Hackathon at New York University's Courant Institute of Mathematical Sciences. Fourteen companies, including Meetup, Aviary and Drop.io, demoed their APIs before students settled into couches and chairs to brainstorm ideas while noshing on catered burritos.	<a href="#">Hack NY's Student Hackathon HackNY</a>
Oct 4-8, 2010	<b>NYU Startup Week</b>	Oct 4th is the start of Tech@NYU's second NYU Startup Week, a series of widely diverse speakers and content focused on tech entrepreneurship.	<a href="#">NYU Startup Week</a>
Sep 30, 2010	<b>Daniel Grippi, Ilya Zhitomirskiy, Maxwell Salzberg, Raphael Sofaer</b>	Four young friends who are out to create a very different sort of social network.	<a href="#">Defacebook</a>
Aug 03, 2010	<b>Quenton Cook</b>	Quenton Cook made video about that details the applications he made for his final project in the iPhone class last semester. The app itself was very good indeed, and the video is quite amazing.	<a href="#">HVC Schedule-O-Matic</a>
May 11, 2010	<b>Daniel Grippi, Maxwell Salzberg, Raphael Sofaer, Ilya Zhitomirskiy</b>	Creating a network like Facebook, only private A few months back, four geeky college students, living on pizza in a computer lab downtown on Mercer Street, decided to build a social network that wouldn't force people to surrender their privacy to a big business. It would take three or four months to write the code, and they would need a few thousand dollars each to live on.	<a href="#">Four Nerds and a Cry to Arms Against Facebook Diaspora</a>
April 30, 2010	<b>HackNY</b> A Hackathon for Students	HackNY held its inaugural hackathon on the NYU campus, giving students the opportunity to hone their skills in a 24-hour hackathon, along with networking with several tech startups from the NYC area. In a terrific event, students from over 30 different area schools attended (some as far as Pennsylvania), listened to startups pitch their technology, formed teams and ideas, hacked through the night and came out on the other side with working demos to show off.	<a href="#">NYC Hackathon</a>
December 11, 2009	<b>Jared Wyatt, Nina Chen</b> Dean's Undergraduate Research Fund	Jared Wyatt won a grant award to continue his project on sleep research Nina Chen won a grant award to continue her research project on song searching from user-generated input Melissa Ingram won a grant award to continue her research project "Exposure of 3-D DNA Crystals to Different Solutions"	
November 30, 2009	<b>Nina Chen</b> Computing Research Association (CRA) Outstanding Undergraduate Researchers	Honorable Mention	<a href="#">Outstanding Undergraduate Researchers For 2010</a>

Missing Plug-in

June 8 - 12, 2009	<b>Ricky Cheng Mayank Maheshwari</b>	<p>The Apple Worldwide Developers Conference (WWDC) provides developers and IT professionals with in-depth technical information and hands-on learning about the powerful technologies in iPhone OS and Mac OS X from the Apple engineers who created them. The WWDC 2009 Student Scholarship Program offers student the opportunity to learn directly from Apple engineers, meet fellow Apple developers, and advance their career. Scholarship recipients select from a rich set of sessions on creating world-class iPhone applications and more! Present at this conference were Professor Nathan Hull, Ricky Cheng &amp; Mayank Maheshwari.</p>		<a href="#">Apple Worldwide Developers Conference</a>
June 10, 2009	<b>Alex Grau</b>  DURF Winner	Alex used the Dean's		<a href="#">Alex's Website</a> , <a href="#">Prof. Ken Perlin's Website</a> , <a href="#">Dean's Undergraduate Research Fund Grants</a> , <a href="#">Ilya Rosenberg's Company Website</a>
May 10, 2009	<b>Jiexun Xu</b>  DURF Winner	<p>My research project is an extension of Prof David Bindel's previous work about algebra-based overlay network monitoring. The research goal is to find efficient algorithms that can pick out a number of end-to-end paths in a network. These paths will be constantly monitored to infer the performance of other end-to-end paths in the network. We have and evaluated proposed some very interesting algorithms, and we are now focusing on summarizing our work into a technical report and a paper.</p>	<a href="#">Prof. David Bindel's Website</a> , <a href="#">Dean's Undergraduate Research Fund Grants</a>	
May 6, 2009	<b>Computer Science Spring Showcase</b>  Undergraduate and Graduate Computer Science Students	<p>This event showcases projects that have been completed in various computer science courses this semester at both the Undergraduate and Graduate level. The courses represented at the show have links provided. This year a representative from Apple awarded the Best iPhone App Prize at our show -- a free iPod Touch!</p>	<a href="#">Spring 2009 Showcase</a> , <a href="#">Computer Graphics &amp; Vision</a> , <a href="#">Computational Photography</a> , <a href="#">Software Engineering</a> , <a href="#">Information Science of Marketing</a> , <a href="#">Computer Systems Organization</a> , <a href="#">Flash Programming</a> , <a href="#">iPhone Programming</a> , <a href="#">Robotics</a> , <a href="#">Info Technology Projects</a> , <a href="#">Interactive Shape Modeling</a> , <a href="#">Networks and Distributed Systems</a>	
Spring 2009	<b>Professor Nathan Hull</b>  iPhone Programming Course	<p>Since its introduction, the Apple iPhone SDK has been revealed to be a powerful platform upon which to build sophisticated applications. Without actually having to own an iPhone, students were able to build and test their applications on Intel Apple Macs using the freely available compiler and simulator. (Macs are available in the ITS labs). In addition to the development tools, students became proficient in the object-oriented language Objective-C, the Apple iPhone Frameworks, and the principles of Cocoa development.</p>	<a href="#">Course Website</a> , <a href="#">Student App Website</a> , <a href="#">Prof. Nathan Hull's Website</a>	



Spring 2009

**Students in  
Computing in  
the  
Humanities**

Five of our Computer Science Department undergraduate students worked on an exciting new project with a conservator at the Museum of Modern Art in New York City (MoMA). The students learned about conservation works of art that are "born digital" and researched works of digital art in order to document them for conservation and study purposes.

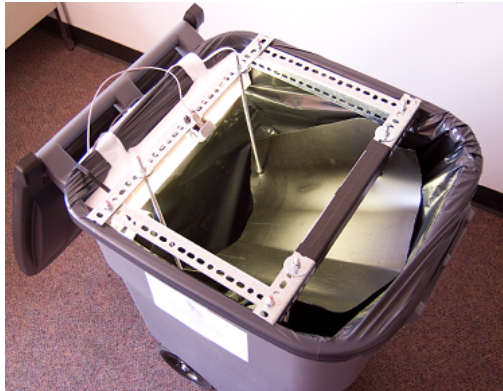
[The Museum of Modern Art, Bobst Archive Project](#), [Computing in the Humanities Course Page](#), [Prof. Deena Engel's Website](#), [Prof. Glenn Wharton's Website](#)

In addition, some students worked with primary source materials in the Bobst Library Archives to build on-line collections for further study and research.

2008 - 2009  
Academic Year

**Melanie  
Clements**

Undergraduate  
Research



[Project Website](#), [Prof. Rob Fergus' Website](#), [Undergraduate Research](#)

Project Title : Using Object Category Recognition Techniques to Sort Garbage for Recycling.

In order to help alleviate NYC's growing trash program, Melanie (and her team) investigated methods to automate the separation of recyclable materials from mixed garbage. They created a prototype bin to collect a database of images of typical garbage and tested several Object Recognition techniques from Computer Vision and Machine learning. They found that several of these techniques could be used effectively for this purpose. The next step will be to design and build cost-effective sorting machines which integrate this software.

October 26, 2008

**NYU ICPC  
Programming  
Team**

The contest took place on Sunday, October 26, 2008 at St. Joseph's College, Patchogue, NY. Our team placed 7th out of 42 solving six of nine problems (the winning team was the only team to solve eight, no one solved all nine). The contest is five hours long and the team that is able to solve the most problems within that period wins. In case of a tie, the team that solved their problems the fastest takes precedence. Problems range in difficulty from simple arithmetic to complex geometry and number theory.

[ACM Regional Collegiate Programming Contest](#), [NYU's ACM Chapter](#)

October 1 - 4, 2008

**Y-Lan  
Boureau,  
Wei Xu,  
Melanie L.  
Clements,  
Sarah W.**

The Grace Hopper Celebration of Women in Computing is a series of conferences designed to bring the research and career interests of women in computing to the forefront. Presenters are leaders in their respective fields, representing industrial, academic and government communities. Leading researchers present their current work, while special sessions focus on the role of women in today's technology

[Grace Hopper Conference](#), [Prof. Sana Odeh's Website](#)

**McDevitt,**  
**Eliza Chan,**  
**Professor Sana**  
**Odeh**

fields, including computer science, information technology, research and engineering.



For further information on any of the topics mentioned in the Undergraduate Student Spotlight, please contact the [Program Administrator](#), in room 323 CIWW.

[top](#) | [contact webmaster@cs.nyu.edu](mailto:contact.webmaster@cs.nyu.edu)