

Gregory Stoddard

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Home Address

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Local Address

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Education

Binghamton University

Expected graduation 05/10

Computer Science, B.S. GPA: 3.940 Mathematics, B.A. GPA: 3.940 Cumulative GPA: 3.841

Honors and Awards

2008 Barry M. Goldwater Scholarship

National scholarship given to 300 outstanding students on the basis of academic merit and potential to pursue a research career in mathematics, science, or engineering.

Lockheed Martin Scholarship

Awarded to fifteen rising juniors majoring in electrical engineering, computer engineering, or computer science at Binghamton University.

Research Experience

Binghamton Multimedia Computing Research Group, Binghamton University 09/08 - Present

Collected and processed data. Help implement and test clustering algorithms. Mentored Vestal High School student on combinatorics-related research project.

Binghamton Optimality Research Group, Binghamton University 08/07 - 09/08

Developed and improved computational software for theoretical mathematics applications. Implemented a memoization scheme that reduced the run time by 50%.

Computer Science Research Experience for Undergraduates, University of Massachusetts at Amherst 06/06 - 08/08

Developed and tested python scripts for evaluating metrics on Social Network Graphs. Developed database framework for the handling of over-sized data sets.

Computer Science Research Experience for Undergraduates, Binghamton University 05/07 - 08/07

Researched methods for optimizing the physical layout of components on a computer chip. Developed simulation software to perform tests and evaluation of proposed algorithms. Improved design efficiency by 20% on average.

Memberships

Association of Computing Machinery (ACM) Member 09/07 - Present

Head of programming team which competed in the ACM sponsored International Collegiate Programming Contest. Placed fourth in Northeast. Participate and write questions for school

programming contests.

Skills

Programming Languages: C, C++, Java, Python.

Operating Systems: Windows, Mac OSX, Linux.

Software Packages: Microsoft Excel, Microsoft Word, MATLAB.