HUMANITIES FOR STEM: USING ARCHIVES TO BRIDGE THE TWO CULTURES DIVIDE

Three Approaches to Archives and Pedagogy

Prof. Deena Engel
Department of Computer Science
Courant Institute
NYU
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COMPUTER SCIENCE PEDAGOGY: OPPORTUNITIES TO ENGAGE WITH PRIMARY SOURCE ARCHIVES

1. Computer Science undergraduate students studying topics in Digital Humanities
2. Graduate students in the Humanities learning web development, database design and related technologies
3. Advanced Computer Science undergraduate students' participating in archival research projects

COMPUTER SCIENCE UNDERGRADUATE COURSE IN DIGITAL HUMANITIES

- This elective has been given five times
- Syllabus
  - http://cs.nyu.edu/courses/fall12/CSCI-UA.0380-001/HC_Syllabus_fa12.php
- Student profile:
  - This course is directed to Computer Science undergraduate majors and minors.
  - Pre-requisites include programming and web design (CSCI-UA.2 and CSCI-UA.4)
- Students apply web development and programming skills to working with primary source materials to build an online archive.
- NYU Archives https://www.nyu.edu/library/bobst/research/arch/digcomp.htm
- Sample sites http://cs.nyu.edu/~deena/docs/DSE_DH_studentPages.html
- Archivist support:
  - Janet Bunde (NYU Archives)
  - Paula Feid (Undergraduate Librarian)

HUMANITIES GRADUATE STUDENTS

- Syllabus
  - http://cs.nyu.edu/~deena/ENGL_GA_2971_sp16/DT_syllabus_sp16.php
- Student profile:
  - This course is directed to graduate students in the Humanities.
  - There are no pre-requisites in web development or other technical fields.
- Sample sites
  - http://cs.nyu.edu/courses/fall13/ENGL-GA.2971-001/HartCrane/HTML/
  - http://cs.nyu.edu/courses/fall11/ENGL-GA.2957-001/
- Co-teacher: Prof. Marion Thain (English)
- Archivist support: Marvin Taylor and Fales Staff

COMPUTER SCIENCE UNDERGRADUATE STUDENTS & ARCHIVAL RESEARCH

- *Artist Archives – David Wojnarowicz Project* http://nyuhumanities.org/the-artist-archives-project/
- Student profile:
  - Student researchers in Computer Science are advanced undergraduate majors.
  - Students are given appropriate access and permissions on the database and web servers.
- Student tasks include writing Python scripts to assist with data migrations; database management tasks and working with the data in the SQL environment; writing shell scripts and implementing system changes; and testing and benchmarking; collaborating in the system development.
- Archivist Support: Marvin Taylor (Fales) and Glenn Wharton (Museum Studies)

WITH MANY THANKS TO:

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Marvin Taylor

Marion Thain

Glenn Wharton

… for our ongoing collaborations!

Send email to deena.engel@nyu.edu with any questions.