

Megan Barnes

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EDUCATION

THE UNIVERSITY OF CHICAGO

BACHELOR OF ARTS IN LINGUISTICS

Expected June 2016 | Chicago, IL

Minor in Computer Science

Dean's List (All Semesters)

Cum. GPA: 3.70/4.00

Major GPA: 3.95/4.00

CLEVELAND HIGH SCHOOL

Grad June 2014 | Portland, OR

Cum. GPA: 4.00/4.00

LINKS

Github:// [meganbarnes](#)

LinkedIn:// [mbarnes5](#)

COURSEWORK

COMPUTER SCIENCE

Computational Linguistics

Computer Systems (architecture, micro-architecture, operating systems, networks)

Software Engineering

Scientific Visualization

LINGUISTICS

Syntax

Semantics & Pragmatics

Phonetics & Phonology

Bantu Tone Systems

Mathematical Foundations for Linguistics

SKILLS

PROGRAMMING

Python (and NLTK) • Java • C •

JavaScript • HTML • CSS • \LaTeX

SQL • R • Machine Assembly

Familiar:

PHP • Drupal • Shell

PROFESSIONAL

Git • Test-driven development • Agile development • Spanish

EXPERIENCE

INTEL CORPORATION | WEB DEVELOPMENT INTERN

June 2014 - Sep 2014 | Hillsboro, OR

- Improved and increased usability of a high-traffic, large-codebase website (software.intel.com) in a development team setting, emphasizing cooperation and collaboration in order to solve complex problems
- Created new webpage functionality through sharing input with business-oriented team members in planning stages as well as implementing both front- and back-end code independently

UNIVERSITY OF CHICAGO COMPUTATIONAL LINGUISTICS

DEPT. | RESEARCH ASSISTANT

Mar 2014 - Apr 2014 | Chicago, IL

- Independently brainstormed and implemented improvements for natural language processing programs
- Improved quality of software through bug-detection
- Explained software processes through documentation and commenting, improving clarity of software

REVA AND DAVID LOGAN CENTER FOR THE ARTS | BOX OFFICE

ATTENDANT

Mar 2013 - present | Chicago, IL

- Provided an informative and exhaustive source for patrons about arts events
- Managed and operated retail ticket sales
- Executed special projects given by box office leadership

PROJECTS AND CONTRIBUTIONS

SCANND | DEVELOPER

Oct 2014 - Dec 2014 | Python, OpenCV, Flask

Built a web-based smart PDF viewer/annotator in a small team. Contributed to the sub-team dedicated to the computer vision aspect of the project, focusing on skew detection/correction and line detection of PDF files.

Repository: github.com/catherinemoresco/PDFProject

MUNAL | DEVELOPER

Mar 2014 - Jun 2014 | Python, R, SQL

Developed music analysis software in a small team that used qualities of a released song and decision trees to guess the genre of the song.

Repository: github.com/ZakirG/MuNaL

LEADERSHIP AND MEMBERSHIP

DELTA GAMMA FRATERNITY | DIRECTOR OF PUBLIC RELATIONS

Jan 2015 - present

Curating content and contributing design for social media sites representing the fraternity

HACK@UCHICAGO | MEMBER

Oct 2014 - present

Student/faculty campus group consisting of programmers and computer scientists