James Wu

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA - School of Computer Science

- B.S. in Computer Science, December 2016
- GPA: 4.00, Deans List
- Coursework: Principles of Imperative Computation, Principles of Functional Programming, Mathematical Foundations of CS, Great Theoretical Ideas of CS, Modern Version Control with Git
- Fall '14 Coursework: Introduction to Computer Systems, Parallel and Sequential Data Structures and Algorithms, Technical Communication for CS

Harvard University, Cambridge, MA

- Took undergraduate courses as part of invitational program for high school students: Introduction to Computer Science (CS50), Linear Algebra

Newton South High School, Newton, MA

- High School Diploma, cum laude, May 2013
- Weighted GPA: 4.7 / 5.0

SKILLS

- Programming - strong experience coding in Python, C, Java, PHP, HTML, Unix environments, CSS, SQL, Javascript, Standard ML; working knowledge of Lisp, Erlang, and Ruby
- Experience with web-development APIs: Rails, Django, Wordpress, Bootstrap, jQuery, AJAX
- Well versed in implementation and theory of standard data structures and algorithms
- Github at http://www.github.com/jamesjwu

EXPERIENCE

Software Engineering Intern, Google, Inc. (Pittsburgh, PA — Summer 2014)

- Future intern working on Site Reliability Engineering team

Course Assistant, Principles of Imperative Computation (Pittsburgh, PA — 2014)

- Taught students imperative programming using C
- Held office hours and taught recitations of students various topics including data structures, algorithms, computational thinking and good coding practices

Web Developer, CMU Human-Computer Interaction Institute (Pittsburgh, PA — 2013)

- Leads development of Ubiquitous Computing Research Lab(UbiCompLab) website, part of HCII at Carnegie Mellon's School of Computer Science
- Organizes news, projects, publications of faculty and postdoctoral students' research in areas of Human-Computer Interaction.

PROJECTS

QUTest (Carnegie Mellon University — 2013)

- Independently developed simple-to-use unit testing module for Python 2.7
- Package automatically generates, runs, and organizes unit tests for functions
- Module calculates basic asymptotic time complexities using experimental timing data
- Github and documentation at http://www.github.com/jamesjwu/QUTest