Current Address:
318 Highland Rd
Ithaca, NY 14850

Michael Wang
781-526-1943 • mzw4@cornell.edu

Permanent Address
10 Lakeview Ave
Reading, MA 01867

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PROFILE

Senior (undergrad) pursuing M.Eng in CS • Strong background in full stack development, including web
Proficient in Java, Python, JS, PHP, C#, HTML/CSS, SQL, MVC • Rich team and project experience

EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science in Computer Science, Minor in Electrical Engineering   Expected May 2015
GPA: 3.59

RELEVANT COURSES

Operating Systems • Introduction to Analysis of Algorithms • Machine Learning • Entrepreneurship for
Engineers • Foundations of Artificial Intelligence • Data Driven Web Applications • Data Structures &
Functional Programming • Evolutionary Algorithms • Natural Language Processing • Information
Retrieval • Microcontrollers • Embedded Systems • iPhone App Development • C++ Programming

RELEVANT EXPERIENCE

Software Development Intern
Wayfair.com, Boston, MA   Summer 2014
- Worked on the Customer Lifecycle Management (CLM) team
- Developed marketing management and analytics tools for increased customer visibility
- Implemented server, controller and frontend logic in MVC (PHP, JS, HTML/CSS, SQL)
- Selected as one of two Cornell campus ambassadors to help with recruiting

Amazon.com, Seattle, WA   Summer 2013
- Worked on the Identity and Access Management (IAM) team in Amazon Web Services (AWS)
- Developed IAM services, including the most highly requested customer facing tool at the time
- Full stack development in collaboration with full time engineers, learned Backbone.js and JS on the fly

Independent Software Designer and Developer
Okra: Check Splitting App   Summer 2014
- Worked on a team of 5 to architect a mobile web app for a hackathon, now developing in native iOS
- Implemented responsive UI for mobile, used Flask (Python) for server, integrated with Venmo API
- Used the Tesseract library for Optical Character Recognition (OCR) to parse receipts

Computer game   Summer 2012
- Independently designed and implemented a strategy/RPG game without external libraries (Java)
- Implemented most notably a custom event driven framework, GUI, A* pathfinding, and map editor

Teaching Assistant
Cornell University, Ithaca, NY
Foundations of Artificial Intelligence   Fall 2014
- Assisted students in topics including pathfinding and search, first order logic, genetic algorithms
Data-Driven Web Applications   Spring 2014
- Assisted students in web technologies, JavaScript, and relational databases
Object Oriented Programming & Data Structures   Spring 2013 – Fall 2013
- Assisted students in Java programming and fundamental computer science concepts

OTHER EXPERIENCE

Dean of Scholarship   Fall 2012
Acacia Fraternity, Ithaca, NY
- Spearheaded the distribution and advertisement of the Acacia Fraternity fall scholarship
- Personally interviewed over 30 candidates, and organized a formal award presentation event

SKILLS

Programming: Java, Python, JavaScript, PHP, C/C++/C#, Objective C, HTML/CSS, SQL
Technologies: MVC, jQuery, Ajax, MongoDB, Flask, Map Reduce, Unix, LaTeX
Language: Chinese (oral), intermediate Russian

AWARDS/ HONORS

Dean's List • National Society of Collegiate Scholars: member • Cum Laude Society • High school
academic honor roll every semester • National Society of High School Scholars: Member