MICHELLE ZHANG

122 Sterling, Apt. 2D, Brooklyn, NY 11217 • 201.290.4969 • zhang.michelle.d@gmail.com • mdzhang.com

EDUCATION

Barnard College, Columbia University, **New York, NY**
Bachelor of Arts in Computer Science, Cum Laude, May 2015

- **Overall GPA**: 3.76
- **Relevant Coursework:** Artificial Intelligence, Computer Networks, Operating Systems, Intro to Databases, Analysis of Algorithms, Programming Languages and Translators, Advanced Programming in C/C++, Object Oriented Programming and Design, Data Structures in Java

EXPERIENCE

Full Stack Software Engineer, Abacus Labs, Inc.
New York, NY — June 2015-

Software Engineering Intern, Whisk
Cupertino, CA; New York, NY — May 2014-May 2015

- Designed and implemented front and back end features for a modern web application using Grails, Groovy, GGTS, SVN, Javascript, jQuery, and AngularJS
- Designed and implemented server-side coverage service, as well as its heatmap visualization and API calls, allowing base support staff and drivers to see high ride demand areas online and in-app
- Built new webpage using AngularJS that allows both retail and corporate reservations and user registrations
- Underwent regular and rigorous code review by fellow interns, developers, and Whisk CTO

Programming Assistant, Memorial Sloan-Kettering Cancer Center
New York, NY — December 2013-May 2014

- Contributed to development of developmental biology image and data analysis software AceTree using Java
- Added cell tracking feature for AceTree's geometric imaging window using Java 3D API
- Added 3D overlay made from time-lapse confocal fluorescence microscope images feature

Teaching Assistant, Computer Science Department, Columbia University
New York, NY — September 2013-May 2014

- Held weekly office hours and graded weekly theory and programming assignments for introductory CS class

Co-coordinator, Artemis Project, Columbia University
New York, NY — March 2013-August 2013

- Taught various introductory CS topics including Python and HTML/CSS to program participants

SKILLS

Languages

- Java, Groovy, Javascript, Python, C, HTML, CSS (proficient); SQL, C++, Lisp, PHP, Perl (prior experience)
- English (fluent); Japanese, French (proficient)

Tools, Technologies, and Methodologies

- AWS (S3), Grunt
- Git, SVN, Reviewboard
- Grails, Node/Express
- AngularJS, jQuery, moment, lodash, bluebird, async, mocha, chai
- Sass, Jade, Stylus
- UNIX command line and Standard UNIX development tools: make, vim, gcc, grep, etc.