MICHELLE ZHANG

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EDUCATION

Barnard College, Columbia University, New York, NY
Candidate for Bachelor of Arts in Computer Science, May 2015

- **Overall GPA**: 3.71
- **Relevant Coursework:** Design and Agile Project Management Engineering Lab, Computer Networks, Operating Systems, Intro to Databases, Artificial Intelligence, Advanced Programming in C/C++, Object Oriented Programming and Design, Data Structures in Java, Intro to Computing in Python

EXPERIENCE

Software Engineering Intern, Whisk
Cupertino, CA; New York, NY — May 2014-
Whisk is a NYC-based ride-app startup that emphasizes cooperation with existing black car and livery bases.

- Designed and implemented server-side and front-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 reservation wizard using AngularJS that allows corporate user reservations and registrations
- Developed new web pages for concierge reservations and daypass sales
- Underwent regular and rigorous code review by fellow interns, developers, and Whisk CTO

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

- Contributed to development of image and data analysis software AceTree using Java
- Refactored cellular imaging code in anticipation of additional software feature development
- 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

- Worked with fellow coordinators to develop five week Artemis curriculum
- Taught various introductory CS topics including Python and HTML/CSS to program participants
- Developed, maintained, and updated official Artemis website

SKILLS

Languages

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

Tools, Technologies, and Methodologies

- Grails MVC framework, GGTS
- AngularJS, jQuery, AJAX, underscore.js, moment.js, Sass
- UNIX command line and Standard UNIX development tools: make, vim, gcc, grep, etc.
- Git, SVN, Reviewboard
- Agile (Scrum) and Lean (Kanban) development, Lean UX