KARINA CHAN

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EDUCATION

Wellesley College
Bachelors in Computer Science
Expected May 2016

LANGUAGES//TECHNOLOGIES

Proficient in: Java, Python, JavaScript
Beginner in: C, Ruby, Go
Database: MySQL
Frameworks: Django, Flask, Web.py
PaaS: (Basic) AWS Elastic Beanstalk
CMS: Drupal 7, Wordpress
OS: Unix/Linux

RELEVANT COURSEWORK

Computer Security, Algorithms, Data
Structures, Theory of Programming
Languages, Human-Computer
Interaction
In progress: Data visualization,
Computational Biology

ACTIVITIES

Co-President, Wellesley Computer Science Club 2015-2016
Coordinate social events, recruiting
sessions, and technical workshops
oriented toward fostering a supportive
community within the CS department.

Co-Hack Chair, Wellesley Computer Science Club 2014-2015
Led hackathon committee for 97 person
hackathon for undergraduate women in
the New England area.

Spring 2014 Co-Captain, Wellesley College Ultimate Frisbee "Tails"
Organized practice/game strategies for
20-person team for Wellesley College.

HOBBIES

Ultimate frisbee, hackathons

EMPLOYMENT

Summer 2015: Engineering Intern, Cogo Labs
Built Newsondeck.com, a celebrity news aggregator servicing
20,000 users using Javascript and the Django framework.
Developed skills in full stack development.

Fall 2015: Teaching Assistant, CS 242 Computer Networks
Lead help room hours on problem sets and class exercises for
Computer Networks. Grade assignments and class exercises.

Fall 2013 to present: System Administrator, Wellesley CS Department
Maintain and manage the Computer Science department RHEL
server for ~100 users (student and faculty). Responds to user
requests regarding account issues. Run emacs/git workshops for
the department.

Summer + Winter 2014 Research Assistant, MIT App Inventor
Worked at Wellesley College and MIT. Built AppInventorEd, the
App Inventor educators community, using Drupal 7. Funded by
Wellesley College Science Center Research.

OUTSIDE PROJECTS

Fall 2015: LivCollege [in progress]
Building Django web application with a MySQL database, project
to allow prospective students to live in college dorms rented out by
students.

Fall 2014: PennApps Save The Net!
Won the Twilio Net Neutrality prize
Built Flask web app in 36 hours with MongoDB backend to spread
information about net neutrality.

Spring 2013: PennApps Whurr?
Javascript web app to suggest locations that are open and nearby
given user's time and location. Utilized Foursquare API.

SCHOOL PROJECTS

Spring 2015: CS220 (Human Computer Interaction), Shride
Designed and prototyped mobile interface for ride share
application. Built with HTML/CSS and jQuery.

Spring 2014 CS304 (Databases with Web Interfaces), Trace
Built tutor tracking web service to improve logging student
attendance. Used Java servlets, MySQL, and Beautiful Soup.

Fall 2013: CS230 (Data Structures in Java), Pokemon
Built Pokémon game GUI altered to mimic encountering each
professor in Wellesley College's CS department. Used
JFC/Swing.