

KARINA CHAN
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EDUCATION

Wellesley College, Wellesley, MA

Bachelor of Arts in Computer Science, expected May 2016

Relevant courses taken:

Python programming, Data Structures in Java, Machine Organization, Computer Networks, Databases with Web Interfaces, System Administration

Relevant courses in progress:

Computer Security, Algorithms, Probability and Statistics

TECHNICAL SKILLS

Languages: Java, Python, PHP JavaScript

Databases: MySQL, MongoDB

Frameworks: Flask, Web.py

PaaS: AWS Elastic Beanstalk, Heroku

CMS: Drupal 7, Wordpress

OS: Unix/Linux

PROJECTS

CS118: Introduction to Python Programming

An event logger that stores and displays events that users submit. Built using Python.

CS230: Data Structures in Java

Pokemon game GUI altered to mimic encountering each professor in Wellesley College's Computer Science department. Uses JFC/Swing.

CS304: Databases with Web Interfaces

Tutor tracking web service to replace the current system at Wellesley College. Uses Java servlets, MySQL, and Beautiful Soup.

PennApps Fall 2013: IdeaBox

Idea generator that gives the user inspiration by using the SoundCloud API. Built using JavaScript.

PennApps Spring 2014: Whur?

An event recommendation site. Uses JavaScript for the FourSquare API.

PennApps Fall 2014: Save The Net!

Won the Twilio Net Neutrality prize; a Flask webapp to incentivize spreading information about net neutrality. Uses MongoDB.

EMPLOYMENT

Research Assistant, MIT App Inventor

June 2014- present

Working with Professor Franklyn Turbak at Wellesley College and MIT. Built AppInventorEd, the App Inventor educators community, using Drupal 7. Funded by Wellesley College Science Center Research.

Student SysAdmin, Wellesley Computer Science Department

Dec 2013- present

Helps manage the Computer Science department server and the Linux lab cluster. Assists department in organizing seminar presentations.

Research Assistant for Family Creative Learning, MIT Media Lab

Fall 2013

Studied how families learn how to use creative technologies in workshop environments and how family dynamics affect learning in children.

ACTIVITIES

Co-Hack Chair, Wellesley Computer Science Club

Sept 2014- present

Organizing hackathons within the department and orchestrating larger events.

Co-Captain, Wellesley College Ultimate Frisbee "Tails"

Spring 2014

Captained the B-team for Wellesley College Whiptails. Organized practice and game strategies.

HOBBIES

Ultimate frisbee, hackathons, volleyball, web design, photography