

Nguyet Minh Duong

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mimiduong.me

EDUCATION

Fall 2013 - Current *Junior Undergraduate* University of California, Berkeley
Pursuing degree in Cognitive Science

QUALIFICATIONS

- Proficient knowledge of Java, HTML, and CSS
- Basic knowledge of Javascript, Scheme, LaTeX, Python
- Proficient knowledge of Microsoft Office Suite, and Adobe Suite

RELEVANT COURSES

- Discrete Math and Probability
- Data Structures
- Computer Architecture

PROJECTS

Summer 2015 ***Personal Website***

- Personal blog website built primarily from scratch using HTML, CSS, and Javascript, except for the use of bootstrap's tables to make it mobile compatible
- Website used Jekyll as static site generator in order to process plain text into a template site
- Uses Parse as a backend to collect email subscriptions

Spring 2015 ***Class Project: Processor Design using Logisim***

- Implemented functioning parts of the processor, such as the ALU, the decoder, and the control

Spring 2015 ***Class Project: Performance Optimization***

- Optimizing the performance of a classifier by a factor of 12x through parallelization, applying SIMD instructions, and manual loop unrolling

Fall 2014 ***Class Project: Graph Library***

- Created a graph package using the interface that was supplied
- Implemented a trip finder, using our graph package and Dijkstra's algorithm, that given a map and a request, it provides the shortest possible route

EXPERIENCES

May 2015 – Aug 2015 **Teaching Assistant, Girls Who Code** Mountain View, CA

- Teach twenty 16 year olds basic programming skills
- Manage and organize paperwork
- Grade daily assignments

Jan 2015 **Instructor, Mission Economic Development Agency** San Francisco, CA

- Introduce the basics of programming in Java to fifteen 17 – 24 year olds
- Create and provide daily lesson plans
- Grade homework and quizzes

EXTRACURRICULAR

Jun 2014 - Present **President, Berkeley Legends** Berkeley, CA

- Grows the League of Legends community on campus.

Jun – Aug 2015 **Volunteer, Community Technology Network** San Francisco, CA

- Help close the digital divide through volunteering at a senior center.

Jun – Aug 2015 **Technology Intern, Mission Economic Development Agency** San Francisco, CA

- Teach twenty seniors at a community center the basic computer software.