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.