

NATHAN T. PHAM

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EDUCATION

University of California, Berkeley
Berkeley, CA
Laney College
Oakland, CA

B.S. Electrical Engineering and Computer Science
GPA: 3.7 | expected Dec 2017
A.S. Mathematics | A.S. Computer Science
GPA: 4.0 | Jan 2012 - May 2015

SKILLS

Programming Proficient (Java, Python), Intermediate (C, C++, Assembly (MIPS), Ruby, HTML, CSS, JavaScript, Ruby on Rails, jQuery, JSON, AngularJS, Node.js), Familiar (Swift, Android, SQL, Scheme, Shell/Bash, NumPy, Selenium, QUnit, Cucumber, Cordova)

Applications Git, Azure, Xcode, Vim, Android Studio, MARS, iPython, Visual Studio

Operating Systems Mac OS, Unix and Windows

Others Design (Portfolio: [Behance](https://www.behance.net)), Typography, Illustration, Circuit Design, Video Production (Final Cut Pro), Sound Mixing (Portfolio: [SoundCloud](https://www.soundcloud.com) | Logic Pro, Traktor DJ), Bilingual (English, Vietnamese)

EXPERIENCE

Rakuten Software Engineer Intern 05/2016 - Present
San Mateo, CA Developed a HTML5/Hybrid Framework and Content Delivery Platform which allows web developers to quickly deploy and update contents for native iOS and Android applications.
- Received Tech Award at RAK-athon 2016 with WebVR Café project

VMware Externship Winter Break 2016
Palo Alto, CA Learned about software development collaboration tools and testing techniques.

Registria Externship Spring Break 2016
Mountain View, CA Developed a photoregister web app for consumers to submit a photo or enter a code which will redirect them to their destination.

EECS Department Academic Intern 08/2015 - 12/2015
UC Berkeley Assisted 30+ students through labs and assignments in CS61A - a course on Structure and Interpretation of Computer Science. Debug, answer questions, and explain Unix commands and concepts in Python and Scheme to ensure maximum learning.

Laney College Mathematics Tutor / Teaching Assistant 08/2013 - 05/2015
Oakland, CA Tutored math for 40+ students in weekly lectures, one-to-one and group tutoring.
Helped instructors manage lectures and explain concepts, guided students through online assignments during lab.

PROJECTS

VR Cafe Built a web experimental VR Showcase Café using A-Frame.js which brings VR experience to the web. HTML, CSS, JavaScript, Node.js.

Semi-Auto Car Implemented data processing and integration for this semi-autonomous car which is controlled by voice commands. Python, C.

CPU Design Designed a 32-bit two-cycle processor in Logisim to compatible with machine code outputs from MARS.

Personal Website Programmed my website (phamcs.com) using knowledge of web technologies and JavaScript libraries. HTML, CSS, JavaScript, Bootstrap, jQuery.

Git Version Control Developed a version control system called Gitlet that mimicked most of Git's local methods and features through implementation knowledge of ADT's, file reading/writing. Java.

Gratitude Journal Developed a Rails web application where users can post their daily gratitude publicly or privately to support their friends and live happier. Ruby, Bootstrap, jQuery, Ruby on Rails.