

# Minh Phan

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## Education

B.S. Computer Science, University of California, Irvine  
Expected Graduation Date: March 2017

GPA: 3.37

## Skills

- Fluent in Java and Python; Experienced with MySQL, HTML, CSS, Bash, JavaScript, C++, Linux, Git
- Prior experience with artificial intelligence, web based search engines, object oriented design, networking, and software engineering design
- Strong enthusiasm for learning, research, and software development and also willing to relocate

## Experience

*Student Software Engineer Intern*

Jan.-Mar. 2016

Office of Information Technology of UCI, Irvine, CA

- Data cleansed multiple tables in UCI's Graduate Division's database using MySQL queries to eliminate any possible errors that were previously entered into the system. Then using the updated databases, extracted and transferred the information into a new formatted database
- Used JIRA to communicate with team members and break down large projects into smaller tasks with reasonable deadlines that comply with the overall goal

*Simulation Lab Software Engineer Intern*

Jun.-Aug. 2015

Thales Avionics, Irvine, CA

- Reduced package installation time by using Bash to create scripts that access Thale's servers and search through all the packets in multiple branches to update or clear out outdated files
- Enhanced the robustness of newly created ZeTool that is used for modeling program logic by adding new features such as box GUI's and fixing bugs with Java
- Participated in team sprint planning and daily scrum meetings to contribute to the overall model development for server deployment on planes

## Projects

Sudoku A.I., Irvine, CA

Mar. 2016

- Developed AI using Java that completes a sudoku puzzle though the use of multiple heuristics and generated a report of the different completion times each heuristic.

WebCrawler, Irvine, CA

Feb. 2016

- Developed a Java web crawler that traversed the ics.uci.edu domain and sub domain pages to generate a file of all the crawled urls
- Implemented TF-IDF algorithm to generate a list of the ten most relevant websites that contains the input query by a user through a GUI

## Activities

- WICS Computer Science Mentorship Program
- ACM

Sept. 2015- Present  
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