

Thaoly Ngo

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Education

University of California, Irvine
2014 - 2018

Bachelor of Science, Computer Science
3.49 / 4.00

Awards

Deans Honor List (Winter 2017 – Spring 2018)

Relevant Coursework

Data Structures, Algorithms, Artificial Intelligence, Database & Web Application, Computer Network & Security, Operating System, Embedded Systems, Information Retrieval, Digital Logic Design

Skills

Programming Languages

Python, C / C++, Java, Javascript / Android, SQL, HTML / CSS

Other Technologies

Unix / Linux, IDLE, Eclipse, Android Studio, Wireshark, GNS3, MySQL, AWS, Jekyll, Apache Tomcat, Bash, Git

Projects

FabFlix

March – June 2018

Designed and built a movie purchasing website with AWS and extended the front-end technologies to support Android applications / Utilized JDBC and MySQL DBMS techniques to manage movie & user database / Implemented a search box that can search on multiple attributes and support autocomplete / Scaled website by performing load balancing and measurements using Apache JMeter

Processes & Resource Management

February 2018

Developed a management system in Python that allows the creation of data structures to represent processes and resources / Implemented algorithms of kernel operations that emulate process invocations and hardware interrupts

Rock & Roll Stops the Traffic

June 2017

Built a directed graph from real-world map input data in C++ to generate a console-based navigation system / Implemented Dijkstra's shortest path algorithm to produce optimized directions towards a given destination based on distance and time

Trippin

January 2017

Designed and developed the Android UI for a travel itinerary application / Incorporated open-source widgets to build layout elements with minimal code

Work Experience

Apple

November 2018 - Present

Technical Specialist

Take 20+ appointments daily to assist customers in troubleshooting iOS and watchOS devices for software-related issues / Follow steps outlined by Apple service guide to determine the best repair approaches / Present to customers the complete solution for in-store or take-home repairs

UC Irvine

January – June 2017

Student Peer Tutor

Reviewed C / C++ and Python programming concepts to a group of 30+ students to facilitate a learning environment / Participated in pair-programming to demonstrate the language's design principles and object-oriented features / Attended weekly meetings with TA's and instructors to discuss tutoring strategies

Leadership

ICS Student Council

September - June 2018

Committee Member

Organized mentorship programs and introduced networking opportunities to undergraduate ICS students