

Jean-Paul Nguyen

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Education

University of California, Irvine (UCI)

Irvine, CA

B.S. IN COMPUTER SCIENCE

Sep 2016 - PRESENT

- **Maintained a current cumulative GPA of 3.961**
- Expected to graduate in Fall 2019
- Stayed in the Dean's Honors List for 9 Quarters
- Passed courses related to C++, Data Structures, Graph Algorithms, Programming Languages, Compilers, and Operating Systems

Experiences

Amazon Web Services

San Francisco, CA

TECHNICAL INTERN

Jun 2019 - PRESENT

- Managed a team of three interns to develop presentation materials on AWS tools for a bootcamp for new technical consultants
- Developed a proof-of-concept CI/CD pipeline for serverless applications to improve the client's current development process
- Received hands-on experience and training with AWS that helped with cloud certifications, including **Certified Cloud Practitioner**

Thales USA Inc.

Irvine, CA

SOFTWARE ENGINEER (UI/UX)

Jun 2018 - Jun 2019

- Improve user interaction by developing reusable components in QML for use in GUIs for multimillion dollar clients
- Ensure quality and correctness of UI performance by incremental testing with Squish and version control with Git
- Enforce code quality and modularity by reviewing code with 4 experienced developers before acceptance in Jenkins
- Provide client satisfaction by fulfilling 35+ software requests and fixing bugs reported on JIRA

UCI Donald Bren School of Information and Computer Science

Irvine, CA

READER FOR ICS 46

Apr 2019 - Jun 2019

- Graded quizzes given twice a week for over 190 students for ICS 46, a required Lower-Division course on Data Structures and Algorithms
- Held weekly office hours to help 2-10 students on understanding the homework assignments on Linked Lists, Hash Tables, and Graphs
- Collaborated with three other readers, two graduate TAs, and Dr. Raymond Klefstad on writing quizzes and homework prompts weekly

UCI Donald Bren School of Information and Computer Science

Irvine, CA

LEARNING ASSISTANT FOR CS 141

Jan 2019 - Mar 2019

- Assist over 50 students in weekly one-hour lab sessions for CS 141, an upper-division course on programming languages
- Contribute over 128 answers, posts, and followups to students' questions in the class's online forum, Piazza

Dreams for Schools

Irvine, CA

APPJAM+ PROGRAM MENTOR

Sep 2017 - Dec 2017

- Introduced the field of STEM and potential career paths to a class of 20 students from an underprivileged community in Orange County
- Taught basic computer science concepts such as conditionals, lists, and loops by illustrating with the MIT App Inventor
- Brought 4 middle school students through the process of mobile development in 10 weeks, ending with a working app on Android

Extracurriculars

Hack at UCI

Irvine, CA

LOGISTICS CO-DIRECTOR

Feb 2019 - PRESENT

- Managed a team of five logistics organizers to hold fundraisers, workshops, and events such as HackNights
- Hosted weekly organizer meetings for discussion and planning for future events and hackathons, including ZotHacks and HackUCI
- Constructed an expense budget and inventory for over 4000 items, saving the organization 20 hours of work during planning
- Delegated timely tasks to 23 other organizers and three other directors using Trello

Skills

Programming Proficient in C++, C, Python, and QML; Basic in Java, Lisp, HTML, and CSS

Software Proficient in Bash, Vim, and Git; Basic in MySQL, Squish, and AWK

Amazon Web Services IAM, EC2, S3, AWS Lambda, CodeCommit, CodeBuild, CodeDeploy, CodePipeline

Operating Systems Linux and Mac OS

Communication Excellent communication in writing and speaking in English