STEVEN TRUONG

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EDUCATION

University of California, Los Angeles August 2016 – Present
Mathematics of Computation, B.S. (Expected 2020)
> GPA: 3.94 / 4.00

EXPERIENCE

Amazon Web Services, Service Quotas June 2019 – September 2019
Software Development Intern
> Designed and implemented a new API that enables Service Quotas to notify customers of changes to their quota increase requests, which allows them to speed up deployment flows by listening for these notifications
> Applied dependency injection to decouple classes, wrote unit tests with nearly full code coverage, and wrote integration tests to ensure that the API behaves properly within the entire service
> Used whitelisting strategies to enable safe and controlled rollout of code across the various deployment stages

BruinMeet, a UCLA dating app December 2017 – Present
Back-End Developer
> Used JavaScript, Node.js, and AWS to implement various modules and API endpoints
> Implemented a module to store and manage pictures on an Amazon S3 bucket, which allowed users to upload custom profile pictures
> Created a scalable notification system with a simple interface for both the development and product teams
> Designed and built a new matchmaking cycle with full test coverage of its main components

UCLA Atmospheric and Oceanic Sciences October 2018 – Present
Work Study Worker
> Assisted the sysadmin with management and upkeep of the department's Mac lab
> Provided tech support for professors during their lectures and helped students troubleshoot software issues
> Created a new website for the department's new major from scratch and adjusted it based on feedback from faculty members

PROJECTS

PUG Bot, a Discord bot that manages pick-up games July 2018
Developer
> Written entirely in Python with a modular, object-oriented design
> Increased the ease and efficiency in organizing games in a personal Discord server, encouraging members to participate more often
> Used by several other Discord servers to organize pick-up games for various games

AOS Zodiac, a Google Apps project used by professors to manage boating trips January 2019
Maintainer
> Refactored and cleaned up the project by removing unnecessary and duplicated code, splitting the code into different components, and making the code more maintainable by organizing code in each component
> Implemented a cron job to remind students of boating trips they signed up for
> Created and modified HTML templates for e-mails, adhering to the department's and school's brand guidelines

LANGUAGES

> Java, C++, JavaScript (Node.js, jQuery), Python, MATLAB, R, LaTeX, HTML/CSS