STEVEN TRUONG

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stevenktruong

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 Team　　　　　　　June 2019 – September 2019
Software Development Intern
> Designed and implemented a new API that enables Service Quotas to use CloudTrail to log changes to quota increase requests, which allows enterprises to speed up deployment flows by listening for these logs
> Applied inversion of control 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

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

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

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 existing HTML templates for e-mails, adhering to the department's and school's brands

LANGUAGES

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