Andrew Yoon

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Education

Computer Science, B.S. @ University of California, Los Angeles (UCLA)
- Graduated June 2019

Work Experience

Software Development Engineer Intern   (June 2018 - September 2018)

Workday, Inc. - A developer of enterprise solutions for human capital management
Infrastructure Analytics Team
- Troubleshot automated warnings created by a server hardware monitoring program, reducing the number of warnings per day from 2 million to 2 thousand and finding unreported errors.
- Used Splunk to create a dashboard visualizing the power usage of data centers which was used to optimize power usage in data centers.
- Created a macro that fed data from Jira to Splunk directly, eliminating the need to maintain a lookup file.

Web Developer   (October 2016 - March 2019)

The Daily Bruin - The official school newspaper of UCLA
Bruinwalk Team - Helped develop a site that allowed students to post and view reviews of professors and classes
- Improved and extended features of the Django backend.
- Rewrote the sorting algorithm for search results to take into account the number of reviews, allowing users to more accurately view higher rated professors and classes
Print Archive Team - Developed an online print archive containing all previous newspaper issues
- Wrote scripts in Python to process text from images of past articles using Google Vision and tagged articles using this text, allowing articles to be searched by keywords rather than just dates.

Frontend iOS Developer   (June 2017 - August 2017)

PStint - UCLA based startup focused on creating a social networking mobile application connecting students with classmates
- Led the planning and creation of the frontend portion of the mobile application using Swift
- Worked with a UI/UX designer in order to create a clean and user-friendly UI

Projects

LittleBrother
- Website that analyzes which subreddits are the most related to a specific subreddit based on commenters
- Built with Python, Flask, and React

StudyBuddy
- iOS social networking app focused on connecting tutors with students as well as students who want to form study groups
- Worked on the frontend using Swift and created tests using XCTest

LadderBot
- Chat Bot for Discord that is used to create and maintain a competitive ladder with rankings based on the Elo system.
- Built with Node.js. Tools used include Jest, ESLint, and TravisCI.

Technical Skills

Languages
- Experienced with: Python, Java, C, C++
- Proficient with: HTML/CSS, Javascript, Swift, bash, MySQL, PHP

Frameworks/Libraries/APIs
- Bootstrap, Django, jQuery, Node.js, Jest, OpenMP, MPI, WebGL, OpenCL

Dev Tools
- git, AWS, Splunk, TravisCI, Linux