Arpit Jasapara

Experience

Lead IT/Data Assistant at UCLA Lewis Center/ITS
(Los Angeles, CA)   *Oct. 2016 – Present*
- Wrote scripts in Python and Bash to automate backups and supplement workplace applications
- Use FTP/SSH/SQL to manage servers/databases
- Maintain website using HTML/CSS/JS and frameworks from Bootstrap to WordPress
- Manage IT department in extended leadership role

theCoderSchool Senior Coach
(Cupertino, CA)   *June – Sept. 2016, 2017*
- Developed curriculum for teaching programming languages, algorithms, data structures, and other CS skills
- Trained and managed other coaches
- Led summer camps and classes in game/web development, along with IoT activities

Projects

VolUnity Volunteering App   *Sept. 2017-Present*
- iOS and Android app that matches volunteers with local events and ways to help the community
- Uses Swift for iOS and Java for Android, with Firebase as the hosting backend for both
- Currently implementing event-view interface, where users select events by swiping left/right

BruinNav   *Mar. 2017*
- Command-line turn-by-turn navigation program for Los Angeles, based on two points of interest
- Created with C++ and Open Street Map geospatial data
- Uses A* pathfinding, mapping, hashing, and trees to efficiently analyze data and find shortest path

Commit Workout App   *Jan. 2017*
- iOS app that asks user to commit money to motivate them to stick to their workout plan
- Primarily uses Swift and HTML/PHP along with Spotify SDK
- Uses BrainTree for payment processing

Snake Game Website   *Dec. 2016*
- Website that lets you play the Snake game
- Created using a combination of JavaScript, HTML, and CSS
- Uses hashing for easy storage and access of data

Contact Information

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Technical Skills

- Java/C++/C
- Python/PHP/Swift
- HTML/CSS/JavaScript
- Vim/CMD/Linux/Shell/Bash
- FTP/SFTP/SSH
- Photoshop

Education

University of California, Los Angeles (UCLA)
- Bachelor's of Computer Science (3.91 CS GPA)
- Regents Scholar
- Class of 2020

Coursework
- Software Construction Laboratory
- Computer Organization
- Discrete Structures
- Algorithms and Complexity
- Operating Systems

Activities/Societies

- Upsilon Pi Epsilon Honor Society
- Association of Computing Machinery (ACM)
- Bruin Entrepreneurs
- ITF Taekwondo Black Belt