

Jason Yang

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES | Los Angeles, CA

Bachelor of Science Candidate, Computer Science

August 2013 – Present

Expected Graduation: June 2017

- Cumulative GPA: 3.341
- Relevant Coursework: C++, Software Construction (UNIX, Python, C, Parallel Programming, Bash Scripting), Operating Systems Principles, Algorithms and Complexity, Computer Graphics (WebGL), Computer Architecture, Circuit Theory, Logic Design of Digital Systems

WORK EXPERIENCE

Hudl | Lincoln, NE

June 2015 – August 2015

Software QA Intern

- Implemented iOS and web support for Bluetooth remotes for flow-based platform using Objective-C and JavaScript
- Automated tests to simulate publishing footage on different Wi-Fi levels on real devices in Python using Appium
- Automated tests to check if new playlist API features were working as expected on front-end using CasperJS
- Led a user experience trial for several different capture and publishing workflows to see where Hudl could improve
- Test new features on a broad range of device platforms and browsers: iOS, Android, Chrome, Safari, IE, Firefox

COMPUTER SCIENCE PROJECTS (Links to site and source code can be found @ jasonyang.co)

- **bildr.co** – written in Ruby, JavaScript, HTML (Materialize) **August 2015**
 - Based on popular game League of Legends, calculates how efficient an item set is, based on prices of items
 - Allows a user to upload their own item set, modify their item set, and download an improved item set
 - Implemented drag-and-drop ability, filtering of items, as well as general front-end development of the site
- **Assassins** – written in Objective-C, uses Parse for back-end **July 2015**
 - An iOS app that facilitates the popular social game Assassins, allows creating and playing several games
 - Implemented code to facilitate playing through a game and updating back-end data in real-time
 - Received 1st place at Hudl Intern Skunkworks, “Best in Show”
- **Amazing NASA Universe Simulator** – written in WebGL, JavaScript, HTML **June 2015**
 - A web app game where a user pilots a spaceship around planets to try to fly into an exit sign to finish a level
 - Allows a user to create planets of varying mass to affect the overall gravity field of the planets on the level
 - Implemented collision detection between the spaceship, planets, fuel pickups, and the exit sign
- **audiopod.me** – written in Python (Flask), JavaScript, HTML (Bootstrap) **April 2015**
 - A “21st-century jukebox” that allows a host to create a playlist from YouTube based on guests’ suggestions
 - Implemented front-end of site as well as some Python/JavaScript scripting to interact with back-end
- **Profiling Bash Shell** – written in C **January 2015**
 - A shell capable of parsing and running complex bash scripts and returning time profiling details

TECHNICAL SKILLS AND INTERESTS

- Programming Languages (Proficient in C++, C; have experience in Python and Objective-C)
- Front-end Programming (HTML, WebGL, JavaScript, JQuery, CSS3, Bootstrap)
- Other technologies: Git, have experience in Bash Shell Scripting, OpenMP and POSIX Threads, and MIPS and x86
- Interests: Computer Vision, Virtual Reality, Artificial Intelligence, Machine Learning, Algorithms

LEADERSHIP / ACTIVITIES

AweChords A Cappella | Los Angeles, CA

May 2014 - Present

Treasurer/President

- Manage the group’s weekly rehearsals and performance events, as well as a fall and spring retreat every year
- Oversee fundraisers to help fund a Vietnamese Cultural Night at Royce Hall with about 2,000 attendees every year
- Manage the financial budget of the A Cappella group, mostly to ensure an end-of-the-year Spring Showcase is put on

Circle K International | Los Angeles, CA

March 2014 - February 2015

Administrative Fundraising Chair

- Student leader of a club of over 280 members. Meet with a board of 20 other student leaders of the club every week
- Plan and market fundraisers every week, helping to raise over \$20,000 in total for other charities as well
- Raised over \$3,500 for the Eliminate Project, a charity that hopes to eliminate Maternal Neonatal Tetanus by 2015