

Timothy C. Kaing

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EDUCATION

- **Make School** San Francisco, CA
Bachelor of Science in Applied Computer Science
Expected May 2020
 - **Relevant Coursework:** RESTful & Resourceful MVC Architecture, Single Page Web Applications
- **Arizona State University** Tempe, AZ
Candidate for Bachelor of Science in Computer Science
Aug 2014 - Aug 2016
 - **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming

EXPERIENCE

- **Lucid Agency** Tempe, AZ
Full-Stack Developer (Formerly Technical Coordinator)
Sep 2016 - Sep 2018
 - **API Development:** Developed and tested a RESTful API which would be used by our client's webapp to track their locations and prices.
 - **Wordpress Development:** Developed both themes and modules in PHP to rapidly produce responsive websites.
 - **Database Maintenance:** Maintained SQL databases by scheduling and performing backups and cleanups.
- **CodeRed-I: Mobile App Development** Scottsdale, AZ
Front End Developer Intern
Oct 2015 - Jan 2016
 - **Prototyping:** Designed mock-ups and wireframes to give the clients and developers a greater visual understanding of how the user may interact with the product.
 - **Web Development:** Developed landing pages to entice users into learning more about the mobile applications and games made by our company.

LEADERSHIP

- **Desert Hacks** Tempe, AZ
Director & Founder
Aug 2014 - Aug 2017
 - **Event Planning:** Organized ASU's first national collegiate hackathon which amassed 500 students from around the nation for a weekend of learning and innovation.
 - **Project Management:** Established and led a team of student organizers responsible for carrying out logistics, finance, marketing, and hacker experience.
 - **Fundraising:** Raised approximately \$50,000 in sponsorships from major tech companies such as Facebook, Amazon, and Google.
- **CodePath University** San Francisco, CA
Student Leader
Nov 2015 - Apr 2016
 - **Teaching:** Instructed and organized 12-week iOS courses that gave an opportunity for students to learn mobile app development outside of school.
 - **Community Building:** Established a community at Arizona State University that was motivated to pursue entrepreneurship and learn product development.

PROJECTS

- **Bet:** A social media platform designed for users to create and manage their bets with one another (Node, Express, MongoDB).
- **Quicky:** A webapp that dynamically generates a custom bash script to set up one's dev environment for OSX (React, Go).
- **Cartman Tweet Generator:** Created a Markov chain to generate accurate quotes from a scraped corpus (Flask, Python).
- **Spellista:** A webapp that utilized the Spotify API to generate a playlist based on a user's mood (Node, Express).

AWARDS

- **HackMIT 2015:** Awarded the Best Use of Visual Media prize by Disney Technologies for developing and designing a mobile app that gamified charity.
- **LA Hacks 2015:** Awarded Best Pebble Hack by Pebble Technologies for developing a calendar app for their latest smartwatch.

TECHNICAL SKILLS

- **Languages:** Python, Node.js, JavaScript, React, React Native, HTML/CSS, Swift, C++, Java, SQL, Golang
- **Technologies:** Unix, MongoDB, AWS, Flask, git, Heroku, Unity, Sketch, Adobe (AI, PS, ID)