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**: Assisted in developing 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 Maintence**: 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).
- **Spellista**: A webapp that utilized the Spotify API to generate a playlist based on a user's mood (Node).
- **Cartman Tweet Generator**: Created a Markov chain to generate accurate quotes from a scraped corpus (Flask, Python).
- **Sunika**: Populated a database with StockX's Sneaker JSON to create a platform for users to track their shoe collection (Node).

AWARDS

- **HackMIT 2015**: Awarded the Best Use of Digital Media prize by Disney Technologies for developing and designing a mobile game 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, HTML/CSS, Swift, C++, Java, SQL, Go
- **Technologies**: Unix, MongoDB, AWS, Flask, git, Heroku, Unity, Sketch, Adobe (AI, PS, ID)