Timothy C. Kaing

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EDUCATION

- **Make School (Accredited by Dominican University of California)** — San Francisco, CA
  Bachelor of Science in Applied Computer Science — *Expected May 2020*
  - **Cumulative GPA**: 4.00/4.00
  - **Relevant Coursework**: MVC Architecture, Web Applications, Backend Web Patterns
- **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

TECHNICAL SKILLS

- **Languages**: Python, Javascript, Java, HTML, CSS, SQL, Ruby, Golang, PHP, Elixr
- **Technologies**: React, React Native, Node.js, Django, Flask, MongoDB, AWS, Heroku, Git, Phoenix

EXPERIENCE

- **Platform45** — Remote
  Front End Contractor/Project Manager — *Aug 2019 - Present*
  - **Web Development**: Developing a responsive, single-page dashboard composed of modular react components. The dashboard adjusts business owner's insurance premium in real time, based on store stock in a cloud point of sale system. Integrating APIs from Stripe, Vend HQ, and Twilio into the components developed to maintain one's business needs.
  - **UI/UX Design**: Creating effective wireframes and mockups based on product market research with Sketch.
  - **Agile Development**: Assuring development success by utilizing Kanban (Jira) to plan sprints, conduct retrospectives, and accurately estimate via planning poker.
- **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.

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 tech companies such as Facebook, Amazon, and Google.
- **CodePath University** — San Francisco, CA
  Student Leader — *Nov 2015 - Apr 2016*
  - **Teaching**: Instructed and organized a 12-week iOS courses that gave an opportunity for students to learn mobile app development outside of school.
  - **Community Building**: Established an innovative culture at Arizona State University that was motivated to pursue entrepreneurship and develop products.

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 (Python, Flask).
- **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 an iOS application that gamified charity.
- **LA Hacks 2015**: Awarded Best Pebble Hack by Pebble Technologies for developing a calendar app for their latest smartwatch.