

KAIRUI ZENG

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EDUCATION

- **UNIVERSITY OF CALIFORNIA, BERKELEY** Berkeley, CA
B.A. in Computer Science May 2019
Organizations: Berkeley Hyperloop, Computer Science Undergraduate Association, Cal Climbing
Classes: Human Computer Interaction, Data Structures and Algorithms, Data Science Foundations
Skills: Service Design, Python, Java, SQL, Django, Jupyter, Docker, Javascript, UI, UX, Git, Pokémon trainer

WORK EXPERIENCE

- **PROPELLAND** San Francisco, CA
Creative Technologist May 2017 - Ongoing
 - Designed and built a medical hydration analysis platform to be used at 2018 FIFA World Cup Russia
 - As a software engineer, developed the backend and API in Django and deployed the app in Docker
 - Used Celery and Redis for asynchronous task management, and RabbitMQ for device communication
 - Built case studies and product pitches through primary research and ideation sessions
 - Composed MVPs & strategized user journeys with Fortune 100 clients as a product manager
- **UC BERKELEY ASUC - OFFICE OF THE CTO** Berkeley, CA
Project Manager & Deputy CTO September 2016 - Ongoing
 - Overlooking operations of all project teams whose products are used by 60% of the student body
 - Leading a team to create an autonomous webcasting service to improve accessibility at UC Berkeley
 - Building pipeline to process video and track professor movement with an OpenCV framework
- **CleNET TECHNOLOGIES** Santa Clara, CA
Product Management Intern May 2016 - July 2016
 - Designing new features that integrate into popular Western social media apps to streamline workflow
 - Collaborated with CMO to lower barrier of entry for users in the Western audience with UX changes
 - Increased user base by 23% through a marketing campaign targeting University students

LEADERSHIP AND EXTRACURRICULARS

- **UAVS AT BERKELEY**
Co-Founder and Racer
 - Co-founded the organization and obtained sponsorships from companies such as DJI, 3DR, BH Photo
 - Hosted workshops for UC Berkeley in flying and building UAS for research and recreation
 - Co-authored campus-wide policies regarding UAS safety and regulation with UC Regents and UC Police
- **U-LED**
Customizable Sound Reactive LED Strip
 - Designed a sound-reactive LED strip that glows and flashes depending on BPM of music
 - Built the backend with Flask and developed a VUI to be used with Amazon Echo and Google Home
- **TECHCRUNCH DISRUPT 2016 SF HACKATHON - CISCO AWARD**
Lunch Pairing Chatbot
 - Built an office productivity tool for Cisco Spark with NodeJS and the node-flint framework
 - Chatbot runs off of Django and MapQuest API to organize outings and promote inclusion