

# 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  
Skills: 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 analysis platform to be used at 2018 FIFA World Cup Russia
  - As a software engineer, developed the backend and API in Django and deployed in Docker
  - Used Celery and Redis for asynchronous task management, RabbitMQ for communication
  - Assisted with primary research and ideation to build case studies and product pitches
  - Composed MVP & 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 70% of undergrad
  - Leading a team to create an autonomous webcasting service for Berkeley classes
  - Building pipeline to process video and track movement with an OpenCV frameworks
- **CleNET TECHNOLOGIES** Santa Clara, CA  
Product Management Intern May 2016 - July 2016
  - Added value to the user's experience through designing new features and user journeys
  - Collaborated with CMO to lower barrier of entry for users in the Western audience
  - 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
  - Hosted workshops for UC Berkeley in flying and building UAS for research and recreation
  - Co-authored campus-wide policies regarding UAS safety 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/Alexa
- **TECHCRUNCH DISRUPT 2016 SF HACKATHON - CISCO AWARD**  
Lunch Pairing Chatbot
  - Built an office productivity tool for Cisco Spark with NodeJS and node-flint
  - Chatbot runs off of Django and MapQuest API to organize outings and promote inclusion