KAIRUI ZENG

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EDUCATION

UC Berkeley   Berkeley, CA
B.A. Computer Science   Aug 2015 - May 2019

SKILLS

Languages & Frameworks: Python, Java, ReactJS, NodeJS, ElectronJS, Django, Redis, Tensorflow
Technical Knowledge: Data Science, Machine Learning, Computer Vision, Design Thinking

WORK EXPERIENCE

Propelland   San Francisco, CA
Creative Technologist/Software Engineer   May 2017 | December 2017

- Developed a dockerized backend REST API for a hydration measurement device in Django
- Built and trained a drink classification model for smart fridges with OpenCV and Tensorflow
- Produced multiple interactive smart mirror modules in ElectronJS and ReactJS

UC Berkeley ASUC   Berkeley, CA
Project Manager   September 2016 | Present

- Oversee development of three education technology services used by over 20,000 students
- Formed a team to create an autonomous webcasting service to improve course accessibility
- Collaborating with design and research teams to deploy 3 new features for professors

Microsoft   Berkeley, CA
Student Partner   August 2017 | Present

- Develop and host monthly workshops on machine learning and blockchain to over 1,000 students
- Design and deploy web app to streamline Azure trial distribution, reducing time spent by 70%
- Improve user and classroom adoption of Azure, improving acquisition by over 300 students

UAVs at Berkeley   Berkeley, CA
Co-founder   December 2015 | May 2017

- Co-authored campus-wide policies regarding UAS safety and regulation with UC Regents Police
- Oversaw organization-led research projects for mid-air refueling of UAS and laser tag

PROJECTS AND EXTRACURRICULARS

Distributr *Flask, Redis, Nginx, Gunicorn*   *http://distributr.io*
A promo code distribution app that creates email campaigns, tracks users, and visualize conversions

GifSearch *ElectronJS, ReactJS*   *https://github.com/KaitoKid/GifSearch*
Native app to easily search and copy reaction gifs to any messaging client

AWARDS

Cisco Hackathon Award   *TechCrunch Disrupt Hackathon 2016*
Awarded for creatively solving workplace event organization with Cisco Spark   *September 2016*

BERC Hackathon 2nd Place   *BERC Cleanweb Hackathon 2017*
Recognized for innovation by building a crowdfunded solar marketplace   *November 2017*

LinkedIn Hackathon Finalist   *LinkedIn*
Designed an app to promote employee socialization outside of work   *August 2016*