KAIRUI ZENG

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EDUCATION

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

WORK EXPERIENCE

Workday   Pleasanton, CA
Application Engineering Intern   May 2018 | August 2018

- Created application models and relationships for a new in-production search functionality
- Deceased load times of classes by optimizing a caching strategy for high instance count objects
- Designed a smoother UI for an improved on-boarding experience across new hires

DeepScribe   Berkeley, CA
Full Stack Engineer   February 2018 | Present

- Designed the application in Adobe XD and produced it using ReactJS and ElectronJS
- Engineered a secure HIPAA compliant backend for authentication and data encryption with various AWS technologies and Auth0

Propelland   San Francisco, CA
Software Engineer/Product Designer   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 Microsoft Cognitive Services
- 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
- Re-launched BeeHive to improve research hiring and searching across professors and students

SKILLS

Languages & Frameworks:	Python, Java, ReactJS, NodeJS, ElectronJS, Django, Redis
Technical Knowledge:	Data Science, Predictive Modeling, Statistical Inference, Design Thinking

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 AND SPEAKING ENGAGEMENTS

Honorary Speaker   Microsoft MVP Conference 2018
Presented at Microsoft's Most Valued Professional conference on how to better engage with students

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

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