

KAIRUI ZENG

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EDUCATION

UC Berkeley
B.A. Data Science

Berkeley, CA
Aug 2015 - May 2019

WORK EXPERIENCE

Workday
Application Engineering Intern

Pleasanton, CA
May 2018 | August 2018

- Created application models and relationships for a new in-production search functionality
- Decreased load times of classes by optimizing a caching strategy for high instance count objects

DeepScribe
Full Stack Engineer

Berkeley, CA
February 2018 | Present

- Designed the user-facing application in Adobe XD and produced it using VueJS and ElectronJS
- Configured and engineered backend, machine learning, hardware, and CI pipeline using Docker, AWS (Lambda, API Gateway, DynamoDB, S3) and Keras

Propelland
Software Engineer/Product Designer

San Francisco, CA
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 ReactJS

UC Berkeley ASUC
Chief Technology Officer

Berkeley, CA
September 2016 | Present

- Oversee development of three education technology services used by over 30,000 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, Unicorn* <http://distributr.io>
A promo code distribution app that creates email campaigns, tracks users, and visualize conversions

WeDreamWorlds <http://www.wedreamworlds.com/>
Partnership manager to research synergies between charity and sponsors. Built decks and ideated potential sponsor activities

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