

KEVIN KOSTE

(518) 728-1900
kevinkoste@gmail.com
github.com/kevinkoste

EDUCATION

Yale University, 2019
B.S. Mechanical Engineering
Varsity Lightweight Rowing

SKILLS & TECHNOLOGIES

<i>General</i>	Python · JavaScript · TypeScript · git
<i>Web & Mobile</i>	React · Redux · React Native · CSS
<i>Data & Analytics</i>	SQL · Postgres · MongoDB · pandas
<i>Infrastructure</i>	Docker · AWS EC2, Lambda, RDS, VPC

WORK EXPERIENCE

Energy Market Analyst, Southern California Edison *August 2019 - Present*

- Designed and built Edison's energy storage market revenue model, improved the runtime by 40% over the baseline, and deployed the model to value & execute \$2B energy storage contracts
- Led contract valuation for five renewable & demand response RFOs totaling \$101M in transactions
- Developing data analytics software and automation tools for internal customers using Python

Software Engineer, Virgil Card *January - June 2020*

- Built a landing page and grew a 1700-person waitlist in 6 days with a 32% email conversion rate
- Developed a demo mobile app with sample transaction data populated using a Plaid integration
- Built & maintained backend services and infrastructure to support the website and mobile app
- Selected to interview for Y Combinator S20

PROJECT EXPERIENCE

Blobber, Image Upload & Optimization Software *December 2020*

- Developed a SaaS platform for managing and serving user-uploaded images (blobber.dev)
- Designed & built a dashboard for customers to view logs, whitelist app domains, and manage billing
- Built libraries to support authentication, authorization, billing, logging, and analytics

Machine Learning Methods for Energy Load Forecasting, Senior Thesis *January - December 2019*

- Developed software to forecast distributed energy loads as a supervised machine learning task
- Implemented a load shape clustering strategy and a deep learning model to improve forecasting accuracy by 13% over the baseline statistical autoregression model
- Demonstrated the financial feasibility of direct market participation by Yale and other universities

Peabody Spaces, Course Project *August - December 2018*

- Developed a React web app to accompany the \$280M renovation of Yale's Peabody Museum
- Delivered a technical demo of the product to an audience of 30+ university decision makers

INTERESTS

Games Turn-based strategy, multiplayer tabletop, single player adventure, charades
Rowing US national champion in the under-17 single scull (2013), Ivy League champion (2016 & 2019)