Karen Huynh

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EDUCATION

Stanford University

SEPTEMBER 2014 - JUNE 2020

- **Master of Science**, Management Science and Engineering (GPA: 3.6)
- **Bachelor of Science**, Electrical Engineering (GPA: 3.7)

SKILLS: JavaScript/TypeScript, React, Python, Redux, GraphQL, Java, C++, SQL, Git

EXPERIENCE

Vectice — *Frontend Developer Intern (Remote)*

JUNE 2020 - DECEMBER 2020

- Designed and developed reusable components in React, performed bug fixes, and refactored legacy code to improve code stability.
- Collaborated with design and backend team members to implement features.
- Participated in and contributed to daily stand-ups, code reviews, and testing.

Google — *Research Intern*

JUNE 2019 - MARCH 2020

- Designed and developed a web application to explore data from Data Commons that was used in an economics class at Harvard University.
- Created a user interface for a Stanford Data Science and Medical Technology class to visualize trends in mortality data of Asian subgroups living in the US.
- Developed an internal debugging tool for the Datacommons team by processing large volumes of data and displaying inconsistencies in a dashboard.
- Cleaned datasets with Python and ingested the datasets into Datacommons.

Stanford School of Medicine — *Research Assistant*

MARCH 2019 - JUNE 2019

- Used R for data cleaning and statistical analysis to describe the incidence of early onset sepsis infants born in California .
- Characterized clinical features to understand resource utilization in hospitals.

Electric Power Research Institute — *Distribution & Energy Utilization Intern*

JUNE 2018 - SEPTEMBER 2018

- Optimized a photovoltaic, storage, and bus charging system for a school district by analyzing large data sets using Excel and Python.

California ISO — *Market & Infrastructure Policy Intern*

JUNE 2017 - SEPTEMBER 2017

- Analyzed business practice manuals to find insights into resource adequacy programs in wholesale electricity markets.