VAISHNAVI UDAYA KUMAR

San Francisco Bay Area, CA

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EDUCATION

California State University, East Bay
M.S. Statistics - Data Science Specialization — Aug 2020 – May 2022
Department of Statistics — GPA: 3.98/4.0

Visvesvaraya Technological University, India
Bachelor of Engineering — Sep 2012 – May 2016
Department of Information Science & Engineering

EXPERIENCE

California State University, East Bay — Jan 2022 – Present
Research Assistant — Hayward, CA

· Leading the Data Science development efforts to understand the relationship between food insecurity and race among students of California State University campuses, and ways to mitigate it.

ADM Northfield — June 2019 – February 2020
Data Analyst — Bangalore, India

· Involved in exploratory data analysis to assess KPIs, creating visualizations for dashboards and reports.
· Responsible for creating time series analysis forecasts and A/B Testing.

EVRY India — Oct 2016 – Jun 2019
Software Engineer — Bangalore, India

· Involved in handling data engineering tasks & building ETL pipelines in SQL for *DealerSocket*, an automotive CRM for independent car dealers in the U.S.

PROJECTS

- **Housing Price Prediction Model:** Developed regression models to forecast home prices based on housing and macro-economic features in King County, WA.

- **Salary Estimator:** Developed a Streamlit web app, trained on the StackOverflow Developer Survey data to forecast tech salaries from features such as geography, experience & qualifications.

- **Visualizing SFPD Incidents:** Created interactive visualizations and spatial plots using the SF police reports' data to intuitively convey underlying trends and insights from the data.

TECHNICAL STRENGTHS

- **Programming**: Python, R, SQL

- **Tools & Technologies**: AWS, GCP, Github, Tableau, Streamlit, Shiny, Spark, PowerBI

ACHIEVEMENTS & COMMUNITY

- Recipient of the Heebok Park Merit Scholarship, CSUEB — Mar 2021

- Contributed to the CSU COVID Data Models Initiative — Jan 2021 - Dec 2021

- Member of Data Science Club, CSUEB — Since Aug 2020