

# Atherv Gole

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## WORK EXPERIENCE

### Business Intelligence Engineer

Sep 2022 - Present

Amazon Web Services (AWS) | Seattle, WA

- Data and analytics point-of-contact for Senior/Principal PMT's on multiple AWS HPC services. Building out customer usage analyses and forecasting models with and for PM's. BI representative at WBR meetings.
- Owning and developing reporting, service data pipelines, and data visualization dashboards to cut down Product/Engineering team data and reporting effort by multiple hours a week.

### Data Analyst Fellow

Jun 2022 - Aug 2022

U.S. Dept. of Health and Human Services | Remote

- Analyzed AI/ML use cases across HHS to show commonalities and potential for cross-agency collaboration, presented findings to HHS AI Community of Practice in collaboration with OIG Chief Data Scientist.
- Owned, researched, and provided recommendations for recruitment & retention workstream as part of HHS 2022 Data Strategy team, supported subject matter expert interviews.

### Research Assistant

Apr 2021 - Jun 2022

UCSB CETLab | Santa Barbara, CA

- Focused on city level statistical analysis for paper studying inequities and underserved areas in regards to public sector clean energy program participation.
- Data aggregation and cleaning, statistical analysis, and visualization for paper studying land use efficiency in onshore and offshore wind and solar plants.

### Data Analyst Intern

Mar 2021 - Sep 2021

Atomica | Goleta, CA

- Developed cleanroom efficiency and manufacturing safety dashboards. Built and maintained Ubuntu Linux flask server to host. Used by the Director of Manufacturing and lab technicians.
- Automated production performance and safety reporting with SQL, Python, and Power BI.

## PROJECTS & PUBLICATIONS

### Forecasting Enterprise Software Product Adoption | Data Science Capstone Project

- Led capstone team in developing and testing recommendation models with proprietary time series and product adoption data, with the best model reaching over 80% recall score.
- Built, tested, and presented model to capstone partner company (HG Insights).

### "Understanding Inequities in Participation in Energy Efficiency Programs ..." | CETLab Paper

- Analyzed public clean energy program participation data in California at city, county, and K-12 level with demographic data to study inequities and assess causal effects of program participation using CEDARS and CA Census data
- Owned city level analysis on causal effects through regressions on racial demographics, median income, tax revenue, rurality, and similar metrics.

## EDUCATION

### UC Santa Barbara | B.S. Statistics and Data Science

Jun 2022

- Dean's Honors - Fall 2019, Spring 2019, Spring 2020

## SKILLS

Python (pandas, sklearn, plotly), SQL, R, Javascript, C, C++, HTML, CSS, STATA, SAS ■ Excel/Office/Sheets ■ Financial/Managerial Accounting ■ JIRA, Git, Jupyter ■ Amazon Quicksight, Sagemaker, Redshift, Athena