Anna Bauer

annasinsights.com

abauer726@gmail.com
(415)726-8044

EDUCATION

University of California, Santa Barbara — June 2023

Bachelor of Science in Statistics & Data Science — GPA: 3.89/4.0

Bachelor of Arts in Economics
- Magna Cum Laude — High Honors

PROFESSIONAL EXPERIENCE

Deloitte — Mar 2024 - present

Technology Analyst
- Aligned with Core Business Operations - Cloud Engineering

DNV Energy Insights | Python, DevOps, Git — Jun 2022 - Sep 2022

Energy Data Science Intern
- Developed new internal weather data API to streamline weather data scraping and analysis for 400+ employees.
- Designed 4-tab dashboard for a key client, including filters for timeseries, aggregated, and filtered data.
- Ensured that development aligned with project scope by seeking feedback from the product team and stakeholders.
- Educated 70+ employees on energy efficiency's technical and economic potential by leading department meeting.

Santa Barbara County | Excel, R — Jun 2021 - Dec 2021

Administrative Data Intern
- Utilized R and Excel programs to update and query project information regarding legal transactions.
- Collaborated with the administrative assistant to ensure deliverables were complete by project deadlines.
- Calculated and recorded CPI-based rent increases for over 2,000 commercial leases in Santa Barbara County.

UNIVERSITY EXPERIENCE

UCSB Center for Financial Math and Actuarial Research | Python — Sep 2022 - Jun 2023

Undergraduate Research Assistant — Publication
- Leveraged TensorFlow and PyTorch deep learning libraries to predict the optimal price of American options.
- Implemented and compared 5 neural network solvers over 11 various American options with differing payoffs, time dimensions, and underlying dynamics. Provided reproducible results by benchmarking successful solvers.
- Published paper on research findings as the main author to the UCSB URCA Academic Journal.

180 Degrees Consulting | PowerPoint, Excel, Python — Oct 2021 - Jun 2023

Director of External Affairs | Strategy Consultant
- Provided consultancy for one non-profit organization during each academic quarter, extrapolating from recruitment and retainment research to develop recommendations and maximize the non-profit's social impact.
- Developed data visualizations in Python to provide evidence for recommendations and final deliverable content.
- Drove partnerships with top consulting firms, facilitating 8+ speaker events and 5 recruitment events.

Data Science UCSB | Python, CSS, HTML, Git — Sep 2020 - Jun 2023

Internal Vice President
- Pitched club to engineering department and corporate affiliates, obtaining $6,000 annually for project sponsorship.
- Managed 16 officers to ensure that project showcase, career fair, learning pipelines, workshops, and alumni events successfully prepared students for the industry. Led project, personal website, and resume workshops.

FEATURED PROJECTS

Text Reminders App | AppleScript — September 2022

Sole Creator — GitHub
- Developed app to schedule send iMessages by integrating AppleScript with a scheduling engine and Sheets API.
- Increased communication efficiency with schedule send capability for Data Science Club reminder messages.

Spotify Million Songs Project | R — Jan 2022 - Mar 2022

Primary Contributor — Report
- Predicted song popularity with an average of 8% error by training, testing, and tuning K-nearest neighbors, multivariate adaptive regression splines, Bayesian additive regression trees, and elastic net models.
- Prepared a comprehensive, easily understandable report of the process from start to finish. Included data tidying, exploratory data analysis, model building, model visualizations, tuning, and final conclusions.

SKILLS AND INTERESTS

- **Programming:** Proficient in Python, R, Git, and Microsoft Suite. Familiar with SQL, HTML, CSS, and C++.
- **Certifications:** AWS Certified Cloud Practitioner, Azure Cloud Fundamentals.
- **Interests:** Swimming, water polo (Collegiate WP Scholar Athlete), visiting national parks, sailing.