

Summer McGrogan

San Jose, CA • summermcgrogan@gmail.com • (408) 806-0065 • www.linkedin.com/in/summermcgrogan

EDUCATION

Loyola Marymount University

Los Angeles, CA

Bachelor of Science, Applied Information Management Systems

Minor, Environmental Studies

GPA 3.8

May 2021

INDUSTRY EXPERIENCE

CalAmp

Richardson, TX

Data Analyst

October 2021 – Present

- Developed a machine learning model to automate car accident predictions to save 5% of employee time per year
- Created and optimized SQL queries and dashboards in Power BI to provide insights into driver behavior that could reduce accident rates of large transport vehicles by 6.5% in the United States
- Designed an automated ETL pipeline to process semi-structured data from AWS buckets to store in Azure SQL database
- Gathered, validated, and analyzed all data for bi-weekly C-suite meeting with comprehensive analysis of team progress
- Collaborated with multiple teams of project managers and engineers to provide critical data analysis for sales team to retain lucrative customer base in a platform transition

FactSet Research Systems

Remote (San Francisco, CA)

Client Solutions Intern

June 2020 – July 2020

- Created financial dashboards for clients and coworkers highlighting specific KPI's important to the client
- Performed qualitative and quantitative analysis of financial and market data through data acquisition and database querying
- Executed queries of financial information using FQL and presented detailed analysis of query findings
- Mastered FactSet products with an in-depth review of functionality as applied to select client data

Nextflex

San Jose, CA

Marketing Intern

May 2019 – August 2019

- Distributed survey to external companies to collect data about current company permissions and satisfaction with access
- Presented data collected in meetings with marketing, communication, and executive department heads to modify external company permissions to improve the membership experience
- Executed all promotional material for company events, lectures, conferences, and seminars

RELEVANT COURSE PROJECTS

- **Sephora Foundation Checker:** Uses databases and web-development to allow users to search a foundation name with the return of the foundations' top five ingredients, the environmental impact of those ingredients, and a recommended new product.
- **Diabetes Predictor:** The COVID-19 pandemic caused trips to medical facilities to be more dangerous. To alleviate some of the dangers, another student and I developed a machine learning model using Microsoft Azure to predict the likelihood having diabetes based on symptoms that do not need a hospital trip to discover.
- **Impossible Foods Product Improvement:** Using python and SQL, created a market segment analysis for Impossible Foods to improve their marketing strategy and increase the size of their customer base.

SKILLS & AWARDS

SOFTWARE SKILLS

Power BI, Athena, Data Warehousing, AWS RDS, API's, Tableau, Microsoft Office (Excel, Word, PowerPoint), Jupyter, Anaconda, A/B testing, Microsoft Azure, Hadoop, Spark, MySQL, EC2, Google Analytics

PROGRAMMING SKILLS

SQL, Python (boto3, NumPy, scikit-learn, Matplotlib, Seaborn, feature selection, hyperparameter search), git, Java, JavaScript, HTML

GitHub Link: <https://github.com/smcgrogan>