

Parker Addison

I am a Data Scientist who loves to Explore, Collaborate, and Communicate...

San Francisco, California | (415) 497-8545 | parkergreyaddison@gmail.com | parkeraddison.com

Experience

NETWORK OPERATIONS CENTER RESEARCHER | *Qualcomm Institute, National Science Foundation* July 2019 to Present

Improving Nautilus HyperCluster: digital backbone of the Pacific Research Platform. Train artificial intelligence chatbot to parse and explain Kubernetes documentation and answer natural language queries. Automate diagnosis pipelines, prototype interactive VR/AR visualizations of network communications, and build an AR Network Operations Center.

RESEARCH ASSISTANT, INSTRUCTIONAL ASSISTANT | *UC San Diego*

Apr 2018 to June 2019

Collaborate closely with faculty on special research projects focused on machine learning, graph theory, and statistics. Provide essential support to department faculty teaching data science classes: design homework and projects, hold office hours, grade exams, and teach students both one-on-one and in groups.

MACHINE LEARNING ENGINEER | *Sapie Space*

Jan to Aug 2018

Used machine learning to match clients with social media micro-influencers. Crawled and scraped webpages, cleaned data, and engineered new influence features. Represented company at Triton Entrepreneur Night, demonstrating company services to potential clients and investors.

DATA ANALYST | *SommSelect*

July to Sep 2017

Crunched numbers for wine e-commerce products and services. Compiled, sorted, and restructured data, then analyzed and identified profitability trends. Designed pivot tables and color-coded data tables to give executives clear visibility into company conditions and the success of big-picture initiatives.

FINANCIAL INTERN | *Ameriprise Financial Services*

June to Aug 2017

Overhauled client account spreadsheets to facilitate comprehension of client financial conditions and generate useful reports for financial advisors. Generated performance reports on historical and hypothetical stock portfolios.

Beyond Work

PROJECT DO-ER *I love to take on fun projects. These range from tools for machine learning education, Alexa skills for medical patients, data analysis of bike path safety, Python and SQL coding challenges, and developing my own website.*

COMMUNICATOR *Effectively communicating data science concepts is important to me. I've helped develop and teach curriculum, mentored students at a data-centric hackathon, and discussed data science with a crowd as an invited speaker.*

Education

University of California, San Diego – B.S. Data Science

Sept 2017 to June 2021

- *Halicioğlu Data Science Institute Undergraduate Research Fellow*
- *Data Science Student Representative (founding member)*

- *Cumulative GPA: 3.93, Technical GPA: 3.97*
- *Minor in Business Management*

Skills

LIBRARIES

Python · SQL · JavaScript · R · Pandas & NumPy · Matplotlib · SciPy · SciKit-Learn · Keras

DATA SCIENCE

Database Management · Data Engineering · Feature Extraction · Analysis · Reporting

MACHINE LEARNING

Regression · Classification · Deep Learning & Neural Networks · Natural Language Processing

TOOLS

AWS · Kubernetes & Docker · Git · GitLab Continuous Integration · Jupyter Notebooks · ArcGIS