

# Parker Addison

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## I am a Data Scientist who loves Statistics and effective Communication...

*Versatile, detail-focused data scientist with proven ability leveraging rigorous analytics and machine learning techniques to deliver immediate results. Demonstrates success across multiple domains consistently collaborating and communicating key results to teammates, executives, and decision makers. Skilled big data management and quantitative analysis techniques, including data mining, feature extraction, exploratory data analytics, numerical optimization, and visualization.*

## 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, reference, and explain 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 Present  
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.

## Education

**University of California, San Diego – B.S. Data Science** Sept 2017 to June 2021

- Halicioğlu Data Science Institute Undergraduate Research Fellow
- Cumulative GPA: 3.91, Technical GPA: 3.94
- Data Science Student Society (DS3) Committee Member
- Minor in Business Management

## Skills

<b>LIBRARIES</b>	Python · SQL · JavaScript · R · Pandas & NumPy · Matplotlib · SciPy · SciKit-Learn · PyTorch
<b>DATA SCIENCE</b>	Database Management · Data Engineering · Feature Extraction · Analysis · Reporting
<b>MACHINE LEARNING</b>	Regression · Classification · Clustering · Neural Networks · Natural Language Processing
<b>TOOLS</b>	AWS · Kubernetes & Docker · Git · GitLab Continuous Integration · Jupyter Notebooks · ArcGIS