Roland Chin

Bachelors - Data Science | Minor - Computer Science
University of California, Berkeley '21

Aspiring data analyst.

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COURSEWORK

- Principles & Techniques of Data Science
- Probability for Data Science
- Data, Inference, and Decisions
- Intro to Artificial Intelligence
- Time Series Analysis
- Applied Econometrics
- Discrete Math & Probability Theory
- Computational Models of Cognition
- Human Contexts & Ethics of Data

PROJECTS

- Basalt Rock Classification
- Handwritten Digit Classification
- Pacman Project
- Mindfulness Research Study
- Spam vs Ham Emails

SKILLS

Technical
- Data Cleaning
- Visualizations
- Feature Engineering
- Classification
- Regression
- Hypothesis Testing
- Time Series Analysis

Jupyter Notebook
- NumPy
- Pandas
- Matplotlib
- Seaborn
- SciPy
- Scikit-learn
- Tidyverse

Languages
- Python
- R
- Excel
- MySQL
- Tableau

EXPERIENCE

Naval Sea Systems Command - Systems Engineer
Incoming July 2021
- Conduct data-driven performance assessments of offensive and defensive systems supporting the fleet's operations
- Gauge U.S. Navy weapons and integrated combat system's warfighting capabilities
- Analyze and assess system life cycle readiness, quality, and performance

zHealthEHR - Data Science Intern
May 2020 - Aug 2020
- Cleaned and queried healthcare data from chiropractors with MySQL and Excel
- Researched and visualized chiropractor healthcare trends
- Built multivariable regression model to increase optimum billing for various CPT codes based on selected features using SciPy and Sklearn in Python

Grandmark International - Data Consulting Committee
Sept 2019 - Dec 2019
- Created a new stocking policy based on demand forecasting and customer segmentation
- Utilized regression model and confidence intervals to predict optimal turnover quantities for warehouse inventories in Python