Pranav Lodha

plodha@ucsc.edu | www.linkedin.com/in/pranavlodha | +1 (510) 552-2847 | https://github.com/plodha

Seeking a position in the data analytics field leveraging machine learning technologies to further improve the decision process.

Education

University of California, Santa Cruz **Sep 2014 – June 2018 (anticipated graduation)**

- B.S. in Technology and Information Management, Minor in Economics
  - Relevant Coursework: Data Structures and Algorithms (C and JAVA), Business Strategy and Information Systems, Systems Analysis and Design, Economics of Accounting, Microeconomics and Macroeconomics.
  - Current Coursework: Computer Systems and Assembly Language (MIPS), Discrete Math
  - Planned Coursework: Algorithms and Abstract Data Types, Financial Engineering

Projects

Uber Rider and Driver Analysis

- Predicted if an Uber driver would continue to drive with the platform or if he would leave; with 82% accuracy
- Analyzed rider data in-order to determine what kinds of advertisements should be shown to you in-app
- Predicted Uber ride price based on ride length, location, and time.
- Analyzed data using K-mean clustering, Naive Bayes classifier, and Linear Regression
- Java, Microsoft Excel

Yelp Recommendation engine

- Recommendation engine based on 5-star yelp rating to recommend a restaurant with similar characteristics as those in the users review.
- Analyzed data using K-mean clustering
- Java, Microsoft Excel

Stock Volume analysis

- Created a tool that would allow me to monitor stocks on the S&P 500 that had volumes that were lower than that of their average volume.
- Python: Pandas, NumPy, Matplotlib libraries

Experience

Intern Finance/Accounting, Stanford Children's Health **June 2016 – September 2016**

- Built a recording system to manage $100 million of pledge donations and restricted funds in MS-Excel
- Analyzed pledge donations and restricted funds based on Bloomberg commodities index in order to calculate future values of the assets.
- Allowed Users quick and easy access to various information regarding the fund, saving large amounts of time.

Gesher Group Student Organization **March 2016 – Present**

- Developed a Slack Bot for the group (On-going)
  - Collects data on user's classes and hobbies to set up meetings for new members with returning members
  - Howdyai Bot Kit, JavaScript, and Google FireBase
  - https://github.com/gesher-group/gesher-bot
- Gesher Group Website Re-Design (On-going)
  - Prototyped using Figma, built using HTML+CSS+JavaScript
  - www.geshergroup.org
  - https://github.com/gesher-group/gesher-website

Skills

- Programming Languages – Java, C, Basics of Python and HTML5/JavaScript
- Tools: MS-Excel Macros, Solver