Pranav Lodha

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Education

University of California, Santa Cruz **Sep 2014 – Aug 2018**

- 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, Computer Networks
    - Current Coursework: Algorithms and Abstract Data Types, Financial Engineering, Database Systems, Data Mining

Experience

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

- Built a recording system to manage $100 million of pledge donations and restricted funds
- 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.
- Entered financial transactions into General Ledger.

Vice President, Gesher Group Student Organization **March 2016 – Feb 2018**

- Managed $2000 in financial transactions using Excel and regularly monitored it for discrepancies.
- Managed 3 teams consisting of 10 recruits by delegating web, software, and design projects.
    - Gesher-bot: Slack bot to help new members learn more about the group and meet up with some of the older members.
    - Gesher Website: Re-built the website from the ground up
    - Gesher Slug Life: Help find you food you like across the dining halls at UCSC
- Utilized G-suite and Slack to synchronize communication between 50 team members within the organization.
- Analyzed feasibility and benefits of potential clients to which helped with the decision making process for selecting the main projects for the quarter.

Projects

Uber Rider and Driver Analysis **April 2017 – June 2017**

- Determine the price of an Uber Ride using Linear Regression with 80% accuracy.
- Analyze trends using K-means clustering method to determine what ads Uber should show to its riders
- Using Naïve Bayes Classifier determine if the Uber Driver will leave the platform or continue to drive for the company with 82% accuracy.
- Skills: Java, Microsoft Excel

Yelp Recommendation Engine **April 2017 – June 2017**

- Restaurant Recommendation engine based on users 5-star yelp ratings to determine type of cuisine's they prefer.
- Analyzed data using K-mean clustering method in Excel.
- Skills: Java, Microsoft Excel

Stock Volume analysis **June 2017 – Aug 2017**

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

Skills

- Programming Languages – Java, C, Python
- Tools: MS-Excel (Matrix & Pivot Tables, Macros, VLOOKUP, Visual Basics, Solver), Slack, Trello, Calendly, Git, Firebase, SurveyMonkey, Mailchimp, Adobe Photoshop, PostgreSQL