Pranav Lodha

pranavlodha@outlook.com | linkedin.com/in/pranavlodha | plodha.github.io | (m): +1-510-552-2847 | github.com/plodha

Education

University of California, Santa Cruz   **Sep 2014 – Aug 2018**
B.S. in Technology and Information Management, Minor in Economics

Experience

SAP, Technology Associate Consultant   **Jan 2019 – Present**
- Integrating SAP ERP software using Java and ABAP on SAP Cloud Platform
- Building python scripts to quickly and efficiently analyze SAP HANA trace files.
- Automating multiple work process to configure and install SAP ERP on internal cloud infrastructure using python

Infosys, Software Engineering Associate   **Oct 2018 – Dec 2018**
- Learned about Software Development Life Cycle
- Built front end and backend web app using Python, Angular.js, Java (Spring and Hibernate API)

Lucile Packard Children's Hospital at Stanford, Intern Finance and Accounting   **Jun 2016 – Sep 2016**
- Analyzed and calculated future values of restricted assets and pledged donations (properties, stocks, and cash).
- Built a MS-Excel recording system to manage $100 million of assets, increasing efficiency and access to funds.
- Entered financial transactions into a PeopleSoft general ledger system.

Projects

Credit Default Risk   **May 2018 – Present**
- Predicted the risk associated with a client's ability to pay back a loan based on insufficient credit history.
- Utilized Pandas, NumPy, Matplotlib, scikit-learn, and LightGBM to achieve an accuracy of 74%.
- Enhancing functionality through feature engineering (polynomial features, dropout, etc.) for increased accuracy.

Text.Book   **Sep 2017 – Mar 2018**
- Led a team to build a business case (including financial modeling, development costs, projections, sales volume, sensitivity analysis, and market analysis) for a low cost e-reader.
- Designed and created go-to-market plan (such as target customers and channel strategy) for the e-reader.
- Planned for demand forecasts based on time-series analysis using Holt's and Winter's methods.

Stanford STL-10 Image Classification   **Dec 2017 – Feb 2018**
- Classified images with a convolutional neural-net VGG-16 model utilizing TensorFlow and Keras.

Uber Rider and Driver Analysis   **Apr 2017 – Jun 2017**
- Calculated the price of an Uber ride using linear regression with an 80% accuracy rate.
- Analyzed ads usage trends with Uber riders using K-means clustering method.
- Determined driver retention rate based on driver rating with an 82% accuracy rate using Naïve Bayes' classifier.

Activities

Gesher Group, Vice President/Project Manager/Consultant   **Mar 2016 – Feb 2018**
- Created a Slack bot using botkit.ai/JavaScript on Yarn and Firebase.
- Redesigned the Gesher Group website from ground up with HTML, CSS, and JavaScript.
- Incorporated a finance spreadsheet to track group budgets; managed G-suite and GitHub information systems.

UC Santa Cruz Economics of Accounting (Econ 10A), Teaching Practicum   **Jan 2015 – Mar 2015**
- Prepared and led weekly discussions with over thirty students that reinforced class lectures.
- Responsible for grading student's exams and homework and holding midterm/final exam review sessions.

Skills

Programming Languages: Java, C, Python (Pandas, Keras, Tensorflow, NumPy, Matplotlib, Sklean, LightGBM), MIPS, HTML, CSS, JavaScript (HowdyAi Botkit, node.js, yarn), PostgreSQL
Tools: Weka, MS-Excel (Pivot Tables, Vlookup, Visual Basics, Solver, Macros, Data Validations), Git, Firebase, Adobe Photoshop, Slack, Trello, Calendly, G-suite