VICTOR YU

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SKILLS

Python / C++ / HTML / Javascript
CSS / R / PostgreSQL / Excel VBA
matplotlib / Tableau / Flask / ETL
Plotly / Leaflet / GeoJSON/ ggplot
Jupyter Notebook / API
Microsoft Office
Cantonese (working proficiency)

EDUCATION

DATA ANALYTICS BOOT CAMP
University of California Berkeley Extension
2020-2021

B.A. APPLIED MATHEMATICS
University of California, Berkeley
2016-2018

A.S. MATHEMATICS
A.A. BEHAVIORIAL SCIENCES
College of Alameda
2014-2016

RELEVANT COURSEWORK

- Probability Theory
- Foundations of Data Science
- Design and Analysis of Experiments
- Numeric Analysis
- Intro to Complex Analysis
- Linear Algebra

WORK EXPERIENCE

Peterson Holding | Accounting Clerk
San Leandro, CA *November 2018 - Present*

- Maintain control of general and subsidiary ledgers including posting journal entries
- Review and reconcile warranty schedules monthly
- Update monthly pre-paid amortization and recurring journal maintenance
- Prepare weekly management and year-end audit reports
- Identify and reconcile customer account discrepancies with vendors
- Schedule and pay vendors by resolving purchase orders up to $3M
- Monitor, compile, and post transactions into the A/P system to designated accounts

PROJECTS

World Happiness Analysis *December 2020 - Present*

- Collected, cleansed and provided modeling analyses of data used to predict happiness rankings of 150 countries
- Converted data into actionable insights by predicting and modelling future outcomes
- Designed a machine learning model using linear regression and neural network with 95% accuracy
- Created a fully integrated database to store static data with accompanying ERD
- Developed dashboards using Tableau to display analysis
- Analyzed quantitative data factors of world happiness based on GDP, communities, societies and social environment

Design and Analysis of Experiments *January 2018 – May 2018*

- Collaborated in a team of 3 to develop an experiment to measure reaction time to stimulus
- Generated QQ plots, Residuals vs. Fitted Plots, and Box and Whisker Plots from data
- Analyzed and Aggregated data using ANOVA, F-test, Split-Plot/ Repeated Measures