ERIC PIACENTINI

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SOCIALS
epiac (LinkedIn)

EDUCATION

PYTHON FOR DATA SCIENCE AND MACHINE LEARNING BOOTCAMP   2020 – 2021

SANTA CLARA UNIVERSITY   2018 – 2020
Masters Computer Science and Engineering
GPA: 3.5/4.0

SANTA CLARA UNIVERSITY   2014 – 2018
Bachelors Computer Science
Minor: Mathematics

Selected Coursework: Probability and Statistics, Linear Algebra, Calculus (I - IV), Advanced Algorithms, Advanced Databases (SQL), Software Engineering, Object Oriented Analysis and Design

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TECHNICAL SKILLS

Languages: Python, SQL(PostgreSQL), Javascript (React, Node), Java, Git, HTML/CSS
Packages/Libraries: Pandas, Numpy, Scikit-learn, Tensorflow, Keras, Matplotlib, Seaborn
Other: Data Visualization, Linear Regression, Logistic Regression, K-Means, K-NN, RandomForest, Deep Learning, Neural Networks, Excel, MongoDB(NoSQL), Web Development, Data Science, Machine Learning, Agile

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EXPERIENCE

VEEVA SYSTEMS   06/2017 – 09/2017
Pleasanton, CA // *Automation Engineer Intern*
• Coded more than 200 hundred test cases in Java and C# as well as adding custom functions and utility to the codebase that could be utilized by the entire automation team.
• Developed a suite of regression tests for Veeva's CRM iPad app using Java and automation tools such as Appium, Cucumber, and Selenium. Created automated unit tests for Veeva's CRM Windows app using C# and Visual Studio.
• Discovered bugs and faults that would have otherwise compromised the integrity of customer data, and conducted discussion to ensure everything works properly.

SANTA CLARA UNIVERSITY   09/2017 – 06/2018
Santa Clara University // *Information Associate*
• Analyze client needs and provide assistance to clients using Santa Clara University campus resources
• Facilitate in-progress events and ensure client satisfaction
• Aid in event planning and execution

PROJECTS

Lending Club Loan Charge Off (*Github Link:* http://bit.ly/3sPFKUC):
- Model based on data from Lending Club in San Francisco that assesses with 90% accuracy whether an individual will fully pay off their loan.
- Used Python (Pandas, Numpy) to clean and feature engineer a dataset of over 40,000 entries that was trained using Tensorflow/Keras and a neural network that was fine tuned with hyper-parameters and callbacks such as early-stopping to improve efficiency. Applied data science techniques such as data imputation to preserve otherwise useless entries.

AudioBooks (*Github Link***:** http://bit.ly/3qEWege):
- Trained a neural network using Tensorflow/Keras on data entries to predict with 80% accuracy if an already existing Audiobooks user will make another purchase.
- Employed Python, Numpy and Scikit-learn to clean, interpret and analyze the data until it was ready to be trained on.