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
M.S. Computer Science and Engineering
GPA: 3.5/4.0

SANTA CLARA UNIVERSITY 2014 – 2018
B.S. 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

TECHNICAL SKILLS

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

EXPERIENCE

VEEVA SYSTEMS 06/2017 – 09/2017
Pleasanton, CA *// Automation Engineer Intern*
• Wrote 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.
• Worked with the automation team to develop a suite of regression tests for Veeva's CRM iPad app using Java and a variety of automation tools such as Appium, Cucumber, and Selenium. Created automated unit tests for Veeva's CRM Windows app using C# and Visual Studio.
• Discovered tens of bugs that would have otherwise compromised the integrity of customer data, and collaborated with the QA and development teams to ensure everything works properly

SANTA CLARA UNIVERSITY 09/2017 – 06/2018
Santa Clara University *// Information Associate*
• Provide assistance to clients using the Santa Clara University campus resources
• Facilitate in-progress events and ensure client satisfaction
• Aid in event planning and execution
• Provide university information to prospective and current students

PROJECTS

Lending Club Loan Charge Off (*Github Link:* http://bit.ly/3sPFKUC):
- Model based on data from Lending Club in San Francisco that asseses 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 and a neural network that was fine tuned with hyper-parameters and callbacks such as early-stopping to improve efficiency.

AudioBooks *(Github Link***:** http://bit.ly/3qEWege):
- Trained a neural network using Tensorflow on over 4,000 data entries to predict with 80% accuracy if an already existing Audiobooks user will make another purchase.
- Used Python and Numpy to clean, interpret and analyze a dataset of over 14,000 entries until there was 4474 entries ready for the model.