

Brandon Reno

B_reno@u.pacific.edu | (916) 960-9454 | Stockton, Ca
www.linkedin.com/in/brandonreno1 | www.github.com/BrandonReno

Education

University of the Pacific, Stockton, CA *May 2021*

Masters of Science (M.S) in Engineering Sciences

Concentration: Computer Science

University of the Pacific, Stockton, CA *May 2020*

Bachelor of Arts (B.A) in Media X | Minor in Computer Science

Concentration: Technical Animation

- GPA: 3.47

Projects

“Trace” - Credit Bill Payment Application *May 2020*

- Led a team of 3 in Python to make an application that allows the user to organize and track credit bill payments.
- Developed the entire user interface using Kivy in order to create an easy way for users to interact with the app.
- Integrated an option to sign up for an email list that if registered would email the user notifications on when and how to pay off their bills.

“Color Optimizer” - Artificial Intelligence and Machine Learning *December 2019*

- Engineered a system in Python that can predict a color based on an input rgb value using a neural network and genetic algorithm.
- Designed a neural network from scratch to initially train 2500 rgb values in order to teach the system which values coordinate with each color.
- Optimized the outputted weights with a genetic algorithm that read in the file of weights from the neural network and outputted the optimal weights.

Technical Skills

Programming Languages: Python, Java, C++, R, Haskell

Tools: HTML, CSS, Github, Zenhub, Scrum, Axure, Eclipse, Visual Studio Code

Experiences

Computer Science Tutor - University of The Pacific - Stockton CA *May 2018 - May 2019*

- Taught students basic concepts of Data Science in Python to assist them in understanding how knowledge gets extracted from gathered data.
- Educated students in the types of data structures and how to implement them in C++ with the hope of the student understanding how different data structures can best be utilized.

Athletics

Mens Swim Team Captain - University of The Pacific - Stockton CA *August 2016 - May 2020*

- Led the men's swim team as a team captain in order to help individuals become the best athletes and students they can possibly be.
- Awarded MPSF scholar athlete between 2017-2020.