

# Brandon Reno

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## Education

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**University Of The Pacific, Stockton CA** May 2021  
*Masters of Science in Engineering Sciences focused in Computer Science*

**University Of The Pacific, Stockton CA** May 2020  
*Bachelor of Arts in Media X, Minor in Computer Science*

- GPA: 3.47
- Awarded Dean's Honor Roll: Spring 2018 - Graduation

## Projects

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**Trace - Software Engineering** May 2020

- Worked on a team of three in Python to make an application that allows you to organize and track credit bill payments in order to make them easier to pay off.
- I was in charge of developing the entire UI, creating the UserDatabase, as well as picking account information and user profiles. I also was in charge of creating a calendar in which laid out payment dates neatly.

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

- Developed a system in Python that learns colors from multiple rgb values.
- Designed a neural network to initially train neuron weights for the inputted rgb values in order to teach the system which rgb values coordinate with each color.
- Created a genetic algorithm that took in the outputted neuron weights and returned the best case scenario weights after x number of generations.

## Technical Skills

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**Programming Languages:** Python, C++, Java  
**Tools:** HTML, CSS, Git, Zenhub, Scrum, Axure, Eclipse, Visual Studio

## Experiences

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

- Taught students basic concepts of DataScience in Python to assist the student 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 in the software they create.

## Athletics

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**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 they can possibly be.