

# Brandon Reno

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## Education

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

Masters of Science (M.S) in Engineering Sciences

Concentration: Computer Science

- GPA: 3.94

**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

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**“Blockbuster” - Film Revenue Prediction** *December 2020*

- Built a neural network with Python and Tensorflow that predicts film revenue from film and Oscar data in order to test the effect Oscar data has on revenue prediction.
- Expanded on previous research models that predict revenue correctly between 36-52% of the time without Oscar data.
- Tested my network on unseen data and was able to correctly predict revenue 58.70% of the time
- Proved that Oscar data allows a model to predict more accurately than one without.

**“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.

## Technical Skills

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

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

## Experiences

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**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

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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 and students they can possibly be.
- Awarded MPSF scholar athlete between 2017-2020.