

Steven Trujillo
strujillo6686@sdsu.edu | 408-768-4002 | San Jose, CA | [Github](#)

Education

San Diego State University
Bachelor of Science: Computer Science, Cumulative GPA: 3.57

San Diego, CA
Aug 2021 - Dec 2024

- **Coursework:** Computer Organization, Data Structures, Intro to Software Systems, Artificial Intelligence, Machine Learning, Computer Architecture

Skills

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

Web Development: HTML, CSS, Javascript

Tech: Eclipse, Pycharm, CLion, Git, Mars, Rstudio, VSCode, Github

OOP Design and Development, Data Structures and Algorithms, Software Development Life Cycle

Projects

Image Captioning AI | (Front-End, Back-End)

August 2023 - To Present

AI Club Project | [Github](#)

- Utilize hugging face **blip image captioning model**
- Retrained the model with new data to suit the needs of the project
- Used **PIL library** to insert text within the image
- Design a website with **stream-lit** open-source app framework

Lower Case Letter Identification | (Back-End)

May 2023 - August 2023

Personal Project | [Github](#)

- Built a **Neural Network** from scratch in Python utilizing the NNFS book
- Successfully uses image processing to analyze images (**Computer Vision**)
- The training uses dense layers with **ReLU** and **Softmax activations**
- Loss is calculated with **Categorical Cross-entropy** and uses **Optimizer Adam**
- All data was created and preprocessed by myself to achieve an accurate model
- Predictions fall within 98% accuracy with a less than 0.2 loss achieved

Portfolio Website | (Front-End)

November 2023 - To Present

Personal Project | [Website](#)

- Designed a static website with CSS, HTML, and Javascript
- Links together my projects, contact information, and resume
- Used GitHub pages to host the webpage through a repository

Leadership & Activities

- Artificial Intelligence Club - Member
- SHPE Club - Member
- Tau Kappa Epsilon - Member