# Steven Trujillo

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## Education

**San Diego State University**                                    San Diego, CA
**Bachelor of Science:** Computer Science, Cumulative GPA: 3.51         Aug 2021 - Dec 2024

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

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## Skills

**Programming Languages:** C++, Java, Python, R, MIPS
**Web Development:** HTML, CSS, Javascript
**Tech:** Eclipse, Pycharm, CLion, Git, Mars, Rstudio, VSCode
OOP Design and Development, Data Structures and Algorithms, Software Development Life Cycle

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## 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

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## Leadership & Activities
- Artificial Intelligence Club - Member
- SHPE Club - Member
- Tau Kappa Epsilon - Member