

Brandon Minjares

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Education

University of California, Santa Cruz
Bachelors of Science in Computer Science

Expected: May 2022

Programming Coursework: Algorithms, Data Structures, Applied Machine Learning, Networking, Computer Architecture, Relational Databases

Technical Skills

Software: Python, C/C++, Javascript, MySql, Git, HTML/CSS

Work Experience

Webbege - Web Developer

July 2018 - Feb 2020

- Designed custom, professional websites using HTML, CSS, JavaScript, Node JS
- Collaborated with customer to achieve key marketing objectives
- Implemented digital marketing tools such as Google Analytics and HubSpot

Projects

Filmbot - Movie Recommendation

Python, JavaScript, MySQL

- Used collaborative filtering to build a movie recommendation engine
- Leveraged existing IMDB API to gather data to feed model
- Created YouTube channel **FILMBOT** to market app and demonstrate app features

Document to Custom Font Converter

Python, JavaScript, MySQL

- Created app that allows user to input images of their handwriting for model to learn and create a custom font
- After training model, user can input text documents that can be converted to personal handwritten documents in their custom font

Animal Classifier - Kaggle Competition

Python

- Developed Image Classifier using Convolutional Neural Network from 10,000 animal images
- Applied VGG model using transfer learning to improve the model accuracy and reduce computation time
- Model achieved 97.2% accuracy making it highest in Kaggle Competition out of 100 participants

Networking Server

C/C++

- Created HTTP server allowing for Multi-threading and acts as Reverse Proxy
- Program maintains a server log which keeps a record of all HTTP requests made