Brandon Minjares

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Education

University of California, Santa Cruz - B.S. Computer Science   Grad Date: Fall 2022

Coursework: Data Structures & Algorithms, Operating Systems, Computer Architecture, Database Management Systems, Applied Machine Learning, Algorithm Analysis

Work Experience

Webbege - Full Stack Developer   July 2018 - Feb 2020
- Developed and maintained 4 RESTful web applications using **MERN** stack
- Collaborated with customer to achieve key marketing objectives
- Incorporated digital marketing tools Google Analytics and HubSpot

Projects

BAM! - Mobile Web App (School Project)   JavaScript, NoSql
- Built peer-to-peer application to transfer files by bumping phones
- Leveraged WebTorrent API w/ phone location and accelerometer data to establish secure connection between relevant clients
- Lead a team of 4 using Agile methodology principles

Filmbot - Movie Recommendation Web App   Python, Javascript, NoSql
- Implemented User-based collaborative filtering to provide film recommendations
- Applied IMDB API to gather information about films
- Created YouTube channel **FILMBOT** to market app

Animal Image Classifier - Kaggle Competition   Python
- Developed classifier using Convolutional Neural Network from 10,000 animal images
- Used VGG model using transfer learning to improve model accuracy
- Model achieved 97% accuracy making it highest in competition out of 100 class participants

Networking Server   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

Skills

Languages: Python, JavaScript, C++   **Database Management**: NoSQL, MySQL
Frameworks: Node JS, React   **Tools**: Git, SSH