

Victor Muñoz

Bachelor of Science in
Computer Science

Personal Info

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📁 Portfolio:

<https://VictorMunoz.io>

🌐 LinkedIn:

<https://linkedin.com/in/vmunoz94/>

🐙 GitHub:

<https://github.com/Vmunoz94>

Programming Languages (Proficient)

Python
Javascript

Programming Languages (Familiar)

HTML/CSS
C/C++
Java
SQL

Skills

React / Vue
Bootstrap / Semantic UI
Node.js / Express
MongoDB / Redis
Microservice Architecture
Websocket
Docker

Spoken Languages

English
Spanish

Projects

GatorList - (Apartment Finder):

Full stack web development project utilizing Laravel and Vue.js framework for CSC 648 (Software Engineering)

- Create a fully functional website where SFSU students can easily look for housing.
- As the frontend lead, I coordinated and communicated with my teammates to ensure product delivery.
- Designed and developed all website pages/routes.
- Proposed new ideas and features to make our application stand out from competitors.
- Set up Vue, Vue-Router, Vuex and communicated with backend lead to establish all proper API endpoints.
- Integrated 3rd party API's such as Google Maps and reCaptcha.

Agar.io-Clone - (Multiplayer Game):

Full stack web development project created using Node/Express and React framework for CSC 667 (Internet Applications)

- Re-create "Agaro.io" using websockets, Redis, MondoDB, React, and Docker.
- Co-developed the skeletal template and game logic that will be used by our teammates to build upon, placed a huge emphasis on following Microservice Architecture.
- Designed the home page making sure to keep it simple, easy, and attractive for users.
- Integrated teammate's user login/register task into the home page.
- Implemented websockets in order to share player locations with every client.
- Dockerized application for easy horizontal scaling.

Topic Modeling - (Artificial Intelligence):

Kaggle Python project developed in Jupyter Notebooks for CSC 849 (Search Engines)

- Tackle the Spooky Author Identification challenge on Kaggle, which was to successfully predict authors from excerpts of novels from Mary Shelley, Edgar Allan Poe, and H.P. Lovecraft.
- Preprocessed the 20,000 datasets before training the model. This included tokenization, lemmatization, and stopword removal.
- Calculated coherence score in order to determine the correct number of topics LDA should produce.
- Mapped each topic to specific author.

Education

San Francisco State University:

Bachelor of Science in Computer Science - (Recent Graduate)

Senior Electives Included:

- | | |
|-------------------------|-----------------------------|
| • Computer Networks | • Introduction to Databases |
| • Search Engines | • Software Engineering |
| • Internet Applications | • Artificial Intelligence |

Employment

Olympic Club:

Outside Services (May 2013 - Present)

Impark:

Parking Attendent (June 2016 - September 2018)