

Victor Maciel

(505) 340-8070 | Seattle, WA | victorgmaciel@protonmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Washington, Seattle WA
Bachelor of Science in Informatics
Major GPA: 3.68

SEPTEMBER 2020-JUNE 2022

Relevant Coursework: Front-end Development, Back-end Development, Data Structures and Algorithms, Research Design Methods, Core Methods in Data Science, Database Modeling and Management, Computer Programming I & II, Data Analysis, Information Systems Analysis and Design, Software Architecture
Achievements: Dean's List recipient, Honors Society, LSAMP member, UW Veteran member

PROGRAMMING PROJECTS

GAMERTOWN | WEBSITE

DECEMBER 2021

Languages and tools utilized: JavaScript, NodeJS, ReactJS, Firebase, MongoDB, Azure DevOps

- Developed a website that allowed users to interact with one another through chatrooms and games
- Utilized external database to collect user information
- Created multiple API endpoints to ensure smooth back-end functionality
- Individually developed client-side functionality utilizing ReactJS

SPACELINE | SQL DATABASE

DECEMBER 2021

Languages and tools utilized: MS SQL, Tableau, Microsoft Power BI

- Designed, created, and managed fully functional SQL database with 30 entities
- Wrote multiple computed columns, business rules, complex queries to test 100% compliance
- Diagramed entire database to ensure proper entity relationships

COVID TRACKER | SHINY APPLICATION

DECEMBER 2020

Languages and tools utilized: R

- Contributed to application tracking COVID cases on a global scale
- Created interactive visualization that allowed users to manipulate data

EXPERIENCE

DEPARTMENT OF DEFENSE | X-FORCE FELLOW | VIRTUAL

JUNE 2021-AUGUST 2021

Languages and tools utilized: C#, Unity, Design Methods

- Created video game simulation for the U.S. Navy collaborating with DoD and military personnel
- Developed several scenes for video game mission using Unity Platform
- Utilized C# to manipulate game objects within scene environments
- Conducted user research to ensure optimal user interface
- Led weekly scrum meeting leading to efficient workflow

U.S. NAVY | MACHINIST MATE | BANGOR, WA

DECEMBER 2013-DECEMBER 2018

Quality Assurance and Maintenance Supervisor

- Served five years onboard nuclear submarine learning vital leadership and teamwork skill.
- Lead a team of 25 junior sailors in submarine qualifications
- Managed maintenance data system for 4 submarine divisions

TECHNICAL SKILLS

Programming Languages: MS SQL, Java, C#, Python, R, JavaScript, React, HTML, CSS