

Robert McNiven

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github.com/RobertMcNiven

EDUCATION

Florida Gulf Coast University (FGCU), Fort Myers, FL

Bachelor Science in Software Engineering

May 2023

- Related coursework: Object Oriented Programming, Computer Organization and Assembly, Digital Systems, Data-Structures and Algorithms, Data Engineering, Software Specifications, Text Mining

SKILLS

Programming

C++ | Java | PCEP (Python) certification | HTML/CSS | C#

Knowledge of software development life cycles and Object Oriented Paradigm

Tools

Visual Studio | Microchip Studio | Unity | Git | Jira | Linux | MacOS | Android Studio | Windows | Microsoft Word | Microsoft Excel | Microsoft Teams | Elasticsearch | Docker | React.js

Electronic systems

General computer hardware | AVR Microcontroller and Embedded Systems

Drone Safety Certification, Embry Riddle Aeronautical University, Daytona Beach, FL

RELATED WORK EXPERIENCE

Project Consultant – CallMiner

Oct 2022 – May 2023

- Worked with team and team lead from CallMiner to produce a movie review web application. Gained work experience in a professional software environment.

PROJECTS - github.com/RobertMcNiven

Text Mining/Web Scraping

- Used AI Sentiment word analysis tools to determine human “feelings” around social media posts. Predicted suspected feeling and the confidence level in its prediction. Learned how social media posts can drive the feelings of its audience.

Game Development

- Created multiple single player games through class projects using different engines. Most complicated game, was a class collaboration project where the team had to research and design a solid-state machine.

FIU Sponsored Drone Competition, 3rd Place finisher

- Led a team that reprogrammed a drone and used the on-board camera to differentiate between colors and recognize human figures.

UNIVERSITY EXPERIENCE

Learning Assistant, FGCU

Professor Vanselow & Professor Osheroff

Aug 2020 – May 2022

Introduction to Computer Science & Programming Methodology

- Assisted the professors during class time by responding to student inquiries and providing help during assignments.
- Developed and taught a career readiness module to help students network and look for a job.
- Met with students regularly during office hours and answered programming related questions and assisted them in learning the Python and Java language.

OTHER WORK EXPERIENCE

Shift Manager

Jun 2016 – Aug 2019

McDonalds, Broward County, FL