

RYAN WEISMAN

(702) 528-9510 ◇ Orlando, FL (Open to Remote)

ryan.weisman.512@gmail.com ◇ www.linkedin.com/in/ryanweisman

EDUCATION

University of Central Florida

Bachelor's of Science in Computer Science, 3.92 / 4.00

Orlando, FL

Expected 2024

Coursework: Computer Science I & II, Algorithms for Machine Learning, Object-Oriented Programming, Calculus, Differential Equations

Member of KnightHacks @ UCF

Fall 2022

Member of Artificial Intelligence Club @ UCF

Spring 2023

ShellHacks Hackathon

Fall 2023

TECHNICAL SKILLS

Languages: C/C++, Java, Python, PHP, JavaScript, HTML/CSS, SQL (MySQL & PostgreSQL)

Frameworks: React, Node.js, Vue, Flask

Developer Tools: Git, VS Code, MongoDB Atlas, Jupyter Notebook, Eclipse, Microsoft Suite

Libraries: SciKit-Learn, Tensorflow, PyTorch, Pandas, NumPy, Matplotlib, Mongoose, Express.js

WORK EXPERIENCE

Data and Analytics Intern

Summer 2023

Delteck, Inc.

- Developed a classification system using Python to direct sales representatives to more favorable customers.
- Modified an algorithm to determine customers that turn into favorable contracts, achieving 98% accuracy.
- Collaborated with a team of IT specialists to test a classification algorithm.
- Utilized Pandas, NumPy, and Matplotlib to test and visualize data sets of customers.
- Produced a Python script to integrate OpenAI API and GPT-4 in the algorithm.
- Achieved an 81% accuracy score with use of GPT-4.

PROJECT EXPERIENCE

TopTier Games — *MongoDB, Express.js, React, Node.js, JavaScript*

Fall 2023

- Produced a web and mobile application allowing users to rank, rate, add, and remove games in their playlist.
- Developed API endpoints using Express.js with documentation for full connectivity between front and back end.
- Utilized Mongoose and MongoDB to fast querying of users and games from the IGDB API.

Contact Manager Web App — *PHP, MySQL, HTML5, CSS, JavaScript*

Fall 2023

- Produced a fully functional contact manager where users can do create, read, update, and delete operations.
- Developed API endpoints using PHP with documentation to connect front-end features to the database.
- Utilized MySQL as our relational database for easy querying and creating relationships within the database.

ASL AI — *Python, SciKit-Learn, OpenCV, Tensorflow, PyTorch, Roboflow API*

Spring 2023

- Developed a AI model that uses computer vision to convert American Sign Language to text.
- Utilized a Kaggle data set of 900+ images for model training.
- Collaborated with a group of 15 computer science students.
- Completed data analysis using data modelling and machine learning algorithms.

Virtual Machine with Compiler — *C*

Spring 2023

- Produced a fully functional virtual machine using only C.
- Developed a PL/0 Compiler with a syntax parser and code generator.
- Constructed an assembler and virtual machine that can run simple programs and display to the screen.