

Stefan Werleman

Orlando, FL

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Education

University of Central Florida

MASTER OF SCIENCE IN COMPUTER SCIENCE | GPA: 3.525

Orlando, FL

May 2023

- **Relevant Coursework:** Machine Learning, Deep Learning, Computer Vision, Computer Networking, and Penetration Testing.

University of Central Florida

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | GPA: 3.721

Orlando, FL

August 2021

- **Relevant Coursework:** Algorithms and Data Structures, Software Engineering, Discrete Structures, Web Development, Computer Architecture, Competitive Programming and Multiprocessing Programming.

Skills

Languages C, C++, Python, Java, JavaScript, HTML5, CSS, Ruby, TypeScript, SQL, Shell Scripting, AEL, Skill, NSIS

Frameworks ReactJS, NodeJS, ExpressJS, Jest, Mocha, Django, React Native, Expo CLI, Electron.js, MongoDB, MySQL, PyQt5, Angular

Technologies Git, Github, GitLab, Docker, REST, JSON, Firebase, Windows, Linux, Virtualbox, CentOS, Oracle SQL Developer

Experience

Qorvo

SOFTWARE ENGINEER, SWR

Apopka, FL

May 2022 - Present

Qorvo

SOFTWARE ENGINEER INTERN, SWR

Apopka, FL

February 2022 - May 2022

- Maintain electronic design software and utilities for design engineers within the EDA department of Qorvo.
- Design and maintain a support ticketing desktop platform that is used amongst multiple engineers. This platform communicates with Wrike to retrieve support tickets in the form of tasks.

Siemens

SOFTWARE ENGINEER INTERN

Orlando, FL

August 2021 - February 2022

- Developing a job listing platform exclusively for job seekers and employers within the energy industry.

Projects

Facebook Clone

JAVASCRIPT | NODE | EXPRESS | MONGODB | HTML | CSS | GIT | MOCHA

- Developed a full-stack web chat system that allows users to chat amongst other anonymous users.

Skip List

JAVA | DATA STRUCTURE

- A Java container class for the Skip List data structure. It supports add, delete, check, and edit operations in $O(\log n)$ time. Search, insertion, and deletion are implemented by using a linked hierarchy that allows the operation to skip elements instead of doing a linear search. Thus, rendering the process to perform in logarithmic time.

Kindred Spirits

C++ | DATA STRUCTURE

- Built a C++ program that checks if two binary trees are reflections of each other. Created a Binary Tree container class from scratch to utilize as inputs. Utilized recursion and pointer arithmetic to verify each node at their respective positions.

Listy String

C | C++ | DATA STRUCTURE

- Made two parsers in C and C++ that parses any string from an input file and produces a linked list of the characters in the string.

Titanic Challenge

PYTHON | MACHINE LEARNING

- Used a python decision tree model to learn and test a data-set of passengers who were on on board during the sinking of the Titanic. The model predicted if passenger survived based on key features of the passenger.