

Stefan Werleman

Orlando, FL

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Education

University of Central Florida

MASTER OF SCIENCE IN COMPUTER SCIENCE

Orlando, FL

Graduating in August 2022

- **Relevant Coursework:** Machine Learning and Computer Networking.

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++, Java, JavaScript, HTML5, CSS, Ruby, Python, TypeScript, SQL, Shell Scripting
Frameworks ReactJS, NodeJS, ExpressJS, Jest, Mocha, Django, React Native, Expo CLI, Electron.js, MongoDB, MySQL
Technologies Git, Github, Docker, REST, JSON, Firebase, Windows, Linux, Virtualbox

Experience

Siemens

SOFTWARE ENGINEER INTERN

Orlando, FL

August 2021 - PRESENT

- 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. Every night at midnight the chat box will be cleared.

PakTrak

REACT NATIVE | JAVASCRIPT | NODE | MYSQL | EXPRESS | GIT

- Developing a React Native mobile application supported by a REST API for IOS and Android devices that allows a user to track any items that are being shipped. The user can get the estimated time of arrival and location of the package, and a record of all previous shipment.

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.

Plagiarism Detector

DJANGO | PYTHON | HTML | CSS | GIT

- Developing a free responsive python web application that detects plagiarized content in a text or document.
- This should help students check their assignments and essays for their courses by highlighting text of which are plagiarized and their respective sources.

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.