

Stefan Werleman

Orlando, FL

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Education

University of Central Florida

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | GPA: 3.721

Orlando, FL

Graduating in August 2021

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

Orlando, FL

MASTER OF SCIENCE IN COMPUTER SCIENCE

Graduating in August 2022

Skills

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

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.

All Things Books

REACT NATIVE | JAVASCRIPT | NODE | EXPRESS | GIT

- Developed a React Native mobile application for IOS that allows users search for books by name, date, author, or publisher.

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 is 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.
- Utilized empirical run-time analysis and algorithm analysis to verify its performance.

Sneaky Knights

JAVA | PYTHON

- Developed two functions in Java and Python that receives a list of coordinates for knights on a chess board and determines whether any of the knights can attack one another.
- The method run in $O(n)$ time where n is the number of knights on the chess board.

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.

Professional Experience

Car Wash Palace and Detail Center

DETAIL SPECIALIST AND SALES ASSOCIATE

Orlando, FL

May 2017 - PRESENT

- Currently have the highest customer satisfaction rate in auto detailing services and leading the company in membership sales.
- Received two employee of the month awards.