

# SETH LENHOF

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## Education

**University of Central Florida**, 3.5 GPA

**Expected Graduation: May 2025**

Pursuing a Bachelor of Computer Science at the College of Engineering and Computer Science

**Seminole High School**, 3.89 GPA

International Baccalaureate Program, Graduated May 2021. National Honor Society Member

## Projects

UNIVERSITY DATABASE, DECEMBER 2022

- Created a Java program that organized individuals based on their position at a University, inheriting various properties based on whether they were students or faculty
- Outputted a file that included all individual's identification numbers and organized them based on the type of individual they were, for students printing a tuition invoice, and for teachers printing their pay based on rate, years worked, and number of classes taught
- Used object-oriented programming to create various person types, such as student, teacher, faculty to allow the program to assign various information

REMOTE CONTROL APP, NOVEMBER 2022

- Created an electron app for desktop that allows the user to create custom commands
- Designed and implemented a mobile app using react native to develop a mobile app that could communicate with the desktop app
- Utilized Node.js based web sockets to relay commands to the desktop based on users input on the mobile app

ALPHABET GAME, JANUARY 2022

- Developed a C program that reads in strings, and dynamically stores each string and runs until an input is repeated, checking each input with past inputs
- Utilized frequency arrays to track how many words started with each letter to determine if new input started with the ending letter of the previous input per game rules.

EMPLOYEE CONTACT TRACING, NOVEMBER 2021

- Implemented a C program that keeps track of which employees work together, allowing for up to 1 million employees, and storing coworkers in a linked list. Employees and who they worked with could be added and be organized in ascending order by their identification number.
- Developed commands to inquire about a certain employee by ID and find all coworkers in contact with that individual would be printed alphabetically, additionally added commands to add and remove employees.

## Competitions

KNIGHT HACKS PROJECT FALL 2022, WINNER

**November 2022**

Participated in the creation of the Remote Desktop app and assisted in the communication with the mobile app.

## Work Experience

APPLECARE ADVISOR, APPLE, MAY 2022 – PRESENT

- Utilized tools and procedures to help customers troubleshoot issues and quickly find relevant information to provide swift resolutions for customer's issues.
- Adapted quickly to new information and procedures during product launches to support customers, and as new issues arose.
- Participated in creation of advertisement for internal networking program

## Skills

**Technical:** C, Java, JavaScript, React, React Native, HTML, CSS

**Interpersonal:** Communication, Collaboration, Emotional intelligence, Problem solving

**Tools:** Slack, MacOS, GitHub, Web Servers

**Certifications:** Database Fundamentals, Mobility and Device Fundamental, Intro to Programming using JavaScript, HTML & CSS.