Seth Lenhof

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Education

University of Central Florida, 3.495 / 4.0 GPA   **Expected December 2024**

    Pursuing a Bachelor of Science in Computer Science
    President's Honor Role Fall 2021, Dean's List Spring 2023

Seminole High School, 3.89 / 4.0 GPA   **Graduated May 2021**

    International Baccalaureate Diploma, Honors Society

Experience

Software Engineer Intern, Lockheed Martin   **May 2023-Present**

- Led intern project team as scrum leader and software developer to develop a robot capable of extracting information from hostile zones
- Utilized Java, Typescript, and XHTML to develop scheduling website for training systems
- Implemented threading to allow background exporting of schedules and reducing time for export by 20%, for better user experience
- Collaborated within a Scrum Agile team to deliver software solutions for customer

AppleCare Advisor, Apple   **May 2022-May 2023**

- Utilized tools and documentation to resolve 84% of customers issues
- Provide exceptional support for customers, obtaining 97% satisfaction rating
- Adapted quickly to new information and procedures during product launches to maintain top 10% call handling times
- Designed advertisement for internal networking program

Competitions

Shell Hacks   **September 2023**

    Participated in creation of Dungeons and Dragons text based game.

Knights Hacks Project, Winner   **November 2022**

    Participated in the creation of an app to run actions on a computer from a phone.

Projects

StoryForge   **September 2023**

- Engineered a JavaScript API that leverages ChatGPT to generate dynamic story prompts and decisions, enhancing the interactive user experience of the storytelling application
- Navigated through ChatGPT's functionalities to derive responses in a JSON format, ensuring compatibility and seamless integration with our project
- Actively participated in a team of 4, successfully developing a functional application during a 36-hour Hackathon
- Developed JavaScript backend to keep track of environments and character statistics

Railroad Planning   **April 2023**

- Developed a Java program to find the optimal way to build railroads between different locations based on the amount of materials available
- Improved runtime with a minimum spanning tree to solve the problem
- Calculated the resulting cost and amount of materials to connect the cities

Dequeue   **November 2022**

- Created an electron app for desktop to allow users to create commands to run on computer
- Designed and implemented mobile app using React Native that communicates with the desktop app
- Utilized Node.js based web sockets to relay commands to the desktop based on users input on the mobile app

Skills

Technical: Java, JavaScript, SQL, C, React, HTML, CSS
Tools: Git, Maven, Oracle SQL Developer, Slack, Microsoft Teams, MacOS, Windows
Certifications: Database Fundamentals, Mobility and Device Fundamentals, Intro to Programming using JavaScript, HTML & CSS