Alexander Scheibe

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EDUCATION

University of Wisconsin - Madison Sep. 2021 – Present
Bachelor of Science in Computer Science and Data Science *Madison, WI*

- Cumulative GPA: 3.9/4.0
- Dean's List (Fall 2021 - Present)
- Relevant Coursework: Programming II/III (Java), Intro to Computer Engineering, Intro to Discrete Mathematics, Machine Organization and Programming (C), Data Modeling (R), Statistics for Engineers (R), Linear Algebra

WORK EXPERIENCE

Information Technology Help Desk Specialist June 2022 – Present
University of Wisconsin - Madison *Madison, WI*

- Provide remote support for various university services in an efficient manner
- Communicate with managers regarding complex issues
- Train newly hired employees

Apple Certified Technician Sep. 2019 – Aug. 2021
Computer World *Appleton, WI*

- Diagnose and repair complex issues with Apple devices
- Communicate with customers throughout the repair process
- Work in a team-based environment on large scale repairs

ACTIVITIES

Computer Sciences Undergraduate Projects Lab Sep. 2021 – Present

- Collaborate with fellow students on various Computer Science projects
- Attend lectures on various topics in Computer Science hosted by guest speakers
- Participate in "hackathon" events hosted by organizations associated with the lab and the lab itself

FIRST Robotics Competition Sep. 2017 – Present

- Mentor (2021 - Present) | Team Captain (2020 - 2021) | Lead Programmer (2018 - 2020)
- Robots made to perform complex tasks such as PID based autonomous navigation and computer vision
- Developed multiple desktop apps and websites from scratch to benefit the team
- 2020 Dean's List Finalist (founded by Dean Kamen, recognizes excellence in leadership and dedication to FIRST)

Congressional App Challenge Sep. 2019 – May 2021

- National application development competition hosted by Congress
- Won in 2020 - Developed a game in Java that introduces the concept of AI in a fun way to the everyday person
- Served as a mentor for the competition my senior year of high school

PROJECTS

Sparks: A G-Code Editor | *Java, XML, JavaFX, JUnit, Scene Builder - Gluon, Git*

- Desktop application that allows a user with no experience to write G-Code based on a WYSIWYG model
- Application utilized by high school robotics team and presented to Congressman Mike Gallagher

Spotifical | *Java, Vue.js, Spring, Maven, Git, Spotify Web API*

- RESTful, full-stack web application using a Spring Boot backend and Vue.js frontend
- Utilizing Spotify OAuth and Web API to obtain user data
- Visualzing user data to show historical trends in listening activity

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C# JavaScript, HTML/CSS, R, SQLite
Frameworks: Vue.js, React, Spring, JavaFX, JUnit, .Net, Vaadin, WPILib
Developer Tools: Git, SVN, Visual Studio, Visual Studio Code, RStudio, IntelliJ, Eclipse, Unity
Libraries: Tidyverse, Pandas, NumPy, Matplotlib