

# Alexander Scheibe

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## EDUCATION

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### University of Wisconsin - Madison

Sep. 2021 – May 2024

*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: Object Orientated Programming (Java), Data Structures and Algorithms (Java), Intro to Computer Engineering, Discrete Mathematics, Machine Organization and Programming (C), Data Modeling (R), Statistics for Engineers (R), Linear Algebra

## WORK EXPERIENCE

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### 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 Technician

Sep. 2019 – Aug. 2021

*Computer World (AASP)*

*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

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### 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

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### 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 Rep. Mike Gallagher

### Spotical | *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
- Visualizing user data to show historical trends in listening activity

## TECHNICAL SKILLS

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**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