

## EDUCATION

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- Iowa State University** Ames, IA Expected May 2023  
B.S. in Computer Engineering  
GPA 3.80/4.00
- Bartlett High School** Bartlett, IL Graduated May 2019  
GPA 3.843/4.000

## EXPERIENCE

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- Prism Non-Profit Organization** Oct. 2016 - Jan. 2020  
Java plugin developer and community moderator
- Developed and modified Java plug-ins to increase functionality and efficiency.
  - Utilized SFTP software to remotely edit files to customize the server functionality.
  - Collaborated with a team to moderate a community to provide a safe and enjoyable environment.
  - Maximized team efficiency by dividing up work amongst staff members.

## PROJECTS

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- Pseudo3D** Mar. 2020 - Present
- A 2.5D game library that has 3D physics and uses 2D rendering.
  - Written in Java using JavaFX.
- Personal Website** May 2021 - Present
- Personal website built to use as a digital resume, project portfolio, and blog.
  - Written in pure HTML, CSS, and JavaScript.
- BoneBot** Aug. 2020 - Present
- Modular Discord bot made to add more life to a server, as well as other fun and useful commands for users.
  - Written in Kotlin using JDA.
- CourierNew** Jun. 2019 - May 2021
- Minecraft server plugin that adds a physical mail system with letters and couriers to deliver them.
  - Written in Java using Spigot.
- VolleyBall** Jul. 2019 - May 2021
- Minecraft server plugin that adds a working volleyball mini game to the server's worlds.
  - Written in Java using Spigot.
- Chirrup** Jan. 2021 - May 2021
- Twitter-esque application with a frontend and a backend developed as a group to learn better software development practices.
  - Written in Java using Android and Spring Boot.

## LANGUAGES

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Java, Kotlin, C, HTML/CSS, JavaScript

## ACTIVITIES

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- Iowa State Marching and Campus Bands** Aug. 2019 - Present
- Collaborated as a team to rehearse and perform public performances.
  - Practiced as an individual to increase personal playing and marching abilities.
  - Worked with section in rehearsals to prepare for performances.
- German American Partner Program** Summer 2016
- Visited Munich and attended Gymnasium München Moonach over a two-week period.
  - Enhanced German speaking and listening skills.