

EDUCATION

Iowa State University Ames, IA
B.S. in Computer Engineering
GPA 3.80/4.00

Expected May 2023

Bartlett High School Bartlett, IL
GPA 3.843/4.000

Graduated May 2019

EXPERIENCE

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

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

Java, Kotlin, C, HTML/CSS, JavaScript

ACTIVITIES

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.