Jeremy Noesen

Email: mail@jeremynoesen.xyz
Website: jeremynoesen.xyz

EDUCATION

Iowa State University Ames, IA   Expected May 2023
B.S. in Computer Engineering
GPA 3.62/4.00

Bartlett High School Bartlett, IL   Graduated May 2019
GPA 3.843/4.000

EXPERIENCE

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

PROJECTS

Pseudo3D   Mar. 2020 – Present
• 2.5D game library with custom 3D physics and unique 2D rendering.
• Written in Java using JavaFX.

BoneBot   Aug. 2020 – Present
• Self-hosted, modular Discord bot that adds life and custom commands to a server.
• Written in Kotlin using JDA.

Website   May 2021 – Present
• Personal website used as a project portfolio.
• Written in vanilla HTML, CSS, and JavaScript.

MatrixDisplay   Dec. 2021 – Present
• Raspberry Pi program used to display images on an LED matrix through a web interface.
• Written in Python using Pillow.

CourierNew   Jun. 2019 – Present
• Minecraft server plugin that adds a mail system with physical letters and couriers..
• Written in Java using Spigot.

VolleyBall   Jul. 2019 – Present
• Minecraft server plugin that adds a basic volleyball mini-game to a server.
• Written in Java using Spigot.

LANGUAGES

Java, Kotlin, HTML, CSS, C, Python, VHDL, JavaScript

ACTIVITIES

Iowa State Marching and Concert Bands   Aug. 2019 – Present
• Collaborated as an ensemble to rehearse for and perform public performances.
• Practiced as an individual to increase personal instrumentalist and marching abilities.
• Worked with section in rehearsals to prepare and improve for performances.

German American Partner Program   Summer 2016
• Visited Munich and attended Gymnasium München Moosach over a two-week period.
• Enhanced German speaking and listening skills.
• Gained experience adapting to a new environment in a quick manner.