Matthew Thomas Elledge

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Github - github.com/mthyuu | Personal Webpage - matthewelledge.weebly.com

EDUCATION

Kennesaw State University, Kennesaw, GA   Expected May 2025

Pursuing Bachelor of Science in Computer Science   **GPA: 3.88**

Relevant Coursework:

Technical Writing, Secure Software Development, Data Structures, Wireless Security

RELEVANT SKILLS

Languages:	Java, Python, C#, HTML, R, SQL
Concepts:	OOP, Network Security, Computer Organization and Architecture, Plugin Development
Software:	IntelliJ, Visual Studio, Pycharm, VirtualBox, MS Suite, SSMS, puTTY
Platforms:	Windows, Linux, Raspberry Pi OS

RELEVANT PROJECT EXPERIENCE

Minecraft Plugin Development, Kennesaw State University   Spring 2025

- Collaborated with a team of 5 students to develop a Minecraft Plugin that implements a 3D reconstruction of the hit tower defense game, Bloons Tower Defense, sponsored by the KSU eSports team
- Researched extensive documentation for all API and plugins utilized to properly configure
- Designed Main-layer functionality, and maintained a locally hosted Paper server for the team
  - Utilizes PlaceholderAPI, PaperAPI's extension of Mojang's Brigadier command system, and PartiesAPI for the plugin's command structure and development
  - Economy system which handles allocation and removal of player funds with kills and interaction with tower/player upgrades
  - Database mgmt. via SQLite & JDBC for player data storage and in-game leaderboard
  - Detailed config. to allow for extreme gameplay and difficulty customizability

E-Commerce Website, Kennesaw State University   Fall 2023

- Lead and collaborated with a team of 4 to create an e-commerce website selling rocket-ships
- Utilized SDLC processes and GitHub for version control to develop efficiently and on time
- Worked full-stack, using Java and Spring Boot for website backend development, SSMS, Postman, SQL for front/backend connectivity, and HTML and CSS for front-end design

WORK EXPERIENCE

TwelveStone Health Partners, Murfreesboro, TN   May 2024 – July 2024

Network And Systems Administrative Assistant Intern

- Worked directly under Network and Systems Admin, working in physical & virtual infrastructure and network security & maintenance
- Contributed to ongoing projects and worked alongside the IT department in various roles
- Assisted large working userbase across many remote locations through four states

Prime 120 Steakhouse, Woodstock, GA   July 2022 – November 2023

Host / Front of House

- Handled front of house, customer service, and flow of reservations/walk-ins