Neil Van Eikema Hommes

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SUMMARY

Passionate and driven problem solver. Works well with others in a team and ensures high quality finished projects. Learns new programming languages quickly and can be useful regardless of tech stack.

EDUCATION

Purdue University, West Lafayette, IN - *Bachelor of Science in Computer Science*
Freshman, expected to graduate in May 2026 - 4.0 GPA

Lynbrook High School, CA - *High School Diploma*
Class of 2022, Valedictorian - 4.0 GPA

SKILLS

Programming Languages: Java, Python, JavaScript, HTML, SQL, PHP, Svelte, TypeScript
Related Technologies: Git, SQLite, Docker, Node.js, OpenAI GPT3, Svelte Kit

PROJECTS

Cryptum - A secure file storage system - https://github.com/0xMihir/Cryptum
- Utilizes the Tillitis TKey to run cryptographic protocols on firmware sent to the device
- Won the National Security prize at the Boilermake X hackathon.
- Made with Svelte, TypeScript, and C.

CySky - verified Discord Bot - https://github.com/CygnusX-26/CySky
- Records and displays player statistics from the popular Minecraft server Hypixel
- Makes use of REST APIs and Docker

Leaguescript - League of Legends themed programming language - https://github.com/CygnusX-26/leaguescript
- Built the interpreter using Java
- Makes use of stacks, lexers and parsers to enable a basic syntax structure

Weight Mod - ChatTriggers Module - https://github.com/CygnusX-26/ChatTriggers-Weight-Mod
- Displays calculated player weight for Hypixel Skyblock
- Built in JavaScript with REST APIs

Cygify - Discord Bot - https://github.com/CygnusX-26/Cygify
- Plays music from YouTube or Spotify
- Makes use of REST APIs and Docker

RELEVANT EXTRACURRICULARS

- **Purdue Hackers Officer** – Helped to organize club workshops and design the website.
- **B01lers CTF** - CTF developer for the B01lers Cyber Security club at Purdue.
- **Fencing Club** - Div III Men's Epee bronze medalist