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Hard-working and dedicated computer science student with a passion for web development and cybersecurity.

Education

St. Paul, MN **University of St. Thomas** **September 2019 – May 2023**

- B.S. in Computer Science, May 2023; GPA: 3.5
- Relevant Coursework: Calculus I, Applied Regression Analysis, Object Oriented Design and Programming, Data Structures and Object Oriented Design, Web Development, Information Security, Algorithms, Computer Architecture, Operating Systems, Deep Learning, Data Mining and Machine Learning
- Involvement in the UST Orchestra as well as Spanish Club

Arden Hills, MN **Mounds View High School** **September 2015 – May 2019**

- Graduated with high honors; GPA: 3.7; ACT: 34; 8 Letters of Academic Excellence
- Involvement in Orchestra; member of Symphony Orchestra for 3 years

Technical Experience

Projects

- **St. Paul Crime Web App** (2022). Reads crime statistics from a SQLITE database and displays them in a single-page application. Uses multiple APIs (Leaflet, Nominatim) to display individual crimes on a map, and can add location markers. Javascript (Vue.js)
- **Discord bot** (2023). Bot that allows users to interact with multiple services, such as Last.fm and a locally hosted Stable Diffusion AI instance (text-to-image generative AI model). Integrates multiple APIs and services. JavaScript
- **Custom Rich Presence for Discord** (2022). Program that allows friends to view what music is currently being played using Discord's Rich Presence feature. Also displays the current song in MacOS system toolbar. Python
- **Fake CAPTCHA for sniffing browser history from users** (2022). Uses unclickable, unselectable links to trick users into entering what appears to be a CAPTCHA. User's input is then parsed by a PHP server to determine which sites the user visited, which is then used to make a recommendation to the user based on what they previously visited. HTML/CSS

Languages and Technologies

- Linux; Unix; Mac OS X; Windows 10/11
- Java; Python; JavaScript; HTML/CSS; PHP/MySQL; R; C; MatLab
- Visual Studio Code; Eclipse; RStudio; IntelliJ IDEA

Additional Skills and Interests

- Fluent in English with conversational knowledge of Spanish; received a score of 5 on the AP Spanish Language and Culture Exam (2019)
- Music production; plays violin and piano, and enjoys working with Logic Pro
- Enjoys reading, hiking, and keeping up with the latest technologies

Employment

Fulfillment Associate **ExpressionMed** **May 2022 – Present**

- Ensuring products are cut to the appropriate sizes
- Fulfilling online orders from Shopify and Amazon