

Education

University Of Minnesota, Twin Cities B.S. Computer Science (4.00 GPA)

Expected - May 2027

- Relevant Coursework: Machine Architecture and Organization, Database Systems, Introduction to Algorithms and Data Structures, Introduction to Computing and Programming Concepts

Skills & Technology

Skills: Python, C++, GO, SQL, Powershell, .NET/C#, Javascript, Node.js, BASH

Technologies: PostgreSQL, Figma, Azure, Jira, Docker, Git/Github, Linux (Mint & Debian)

Professional Experience

Automation & IT Intern @ Vervint

May 2024 - August 2024

- Utilized PowerShell in automating and optimizing inventory processes, end-of-life asset protocol, and ticket resolution tracking.
- Leveraged advanced troubleshooting techniques to identify and resolve complex technical problems, reducing resolution time by 10%.
- Developed and implemented 5 internal automation projects resulting in a 40% increase in productivity and an 80% reduction in software setup time.
- Contributed to 40+ comprehensive Confluence docs, improving internal knowledge bases, and streamlining troubleshooting.
- Resolved hardware, software, and network issues for 100+ end-users, achieving a 95% first-call resolution rate and maintaining a consistent 5-star customer satisfaction rating.

Technical Projects

Vervint Jira Cloud Migration

- Successfully assisted in large-scale corporate migration from Jira Server/Jira Database to Jira Cloud, ensuring zero data loss.
- Increased migration efficiency by utilizing Python, Pandas, and Jira REST API to identify and resolve over 5,000 duplicate profiles and corrupted fields, resulting in a 45% improvement in database quality.
- Developed and deployed Python automation solutions to streamline the migration process, reducing manual effort by 200% and accelerating the overall timeline.

Grisk, Sentiment Analysis App

- GRISK utilizes Playwright, a powerful browser automation library, to scrape the WallStreet Bets (WSB) subreddit for discussions and mentions of specific stocks.
- The scraped data undergoes rigorous sentiment analysis using Natural Language Toolkit (NLTK) and Pandas.
- NLTK's powerful algorithms identify and categorize the emotional tone of comments, while Pandas facilitates efficient data manipulation and analysis.
- To provide a seamless user experience, GRISK employs Flask which enables the creation of a user-friendly interface and facilitates dynamic interaction with the underlying data.

DevC2 Coding Club Website <https://arpc.aervyon.com>

- Engineered a responsive school club website using Nuxt.js, Vue.js, and Tailwind CSS, resulting in a 40% increase in club membership sign-ups and improved user engagement
- Implemented dynamic content management features, allowing club officers to easily update event information and announcements, which reduced website maintenance time by 60%

Leadership / Extracurricular

Google Student Developer Club Vice President

August 2023 - Present

- Assisted in developing and deploying a web app for Minn-State college students to optimize the process of schedule building and graduation planning.
- Overlooked and coordinated specific club projects or initiatives, collaborated with other officers to ensure effective communication within the club and assisted with the organization and facilitation of club events and activities.
- Supported the recruitment and onboarding of new club members, and worked with a team to create, and facilitate lectures, events, and presentations.