Ryan Kline

[LinkedIn](#) | [GitHub](#)

Education

Grand Valley State University   August 2019 – December 2023 (Expected)
Bachelor of Science in Computer Science   Allendale, MI

- GPA: 3.203
- Alternative Breaks Volunteer

Experience

Software Development Intern   May 2023 - Present
Corewell Health   Grand Rapids, MI

- Gained experience working on a development team utilizing the Scaled Agile Framework (SAFe)
- Using Angular and .NET, I worked with my peer mentor on implementing a single-sign-on (SSO) feature between our application and a 3rd party vendor to allow members to view prior authorization requirements.
- Collaborated with our Salesforce developers to integrate an Einstein chatbot within our Angular application to help members with common tasks such as viewing their deductible, ordering a new ID card, or starting a chat with a customer service representative

Electronics Engineering Intern   May 2022 – May 2023
DISHER   Zeeland, MI

- Contributed to five distinct software projects including an autonomous robot for the almond industry, a GUI for a remote-controlled overhead camera, an interactive marketing app, a custom inventory management system, and a high-speed video playback tool on a Raspberry Pi
- Developed skills in Object-Oriented programming, GUI development, system testing, computer vision, and full-stack app development while also building an understanding of the hardware level and working within their constraints
- Learned how to work effectively with an interdisciplinary team of engineers and communicate with stakeholders to ensure the product meets their requirements

Technical Skills

Languages: Python, JavaScript/TypeScript, C#, Java, C/C++, Go
Developer Tools: Git, Postman, Docker, Jenkins, OpenShift, Linux/WSL, Oracle SQL
Frameworks/Libraries: Angular, Django, Vue, .NET 6/7, Spring Boot, OpenCV, Qt, SDL2, Jasmine, pytest

Projects

Data Center Infrastructure Management System (In-Progress) – As part of my capstone project at GVSU, I paired up with two fellow students to build upon an existing application to help IT professionals at a global furniture manufacturing company configure, manage, and identify critical issues within their data centers. (*React/NodeJS/Azure/ServiceNow*)

Job Board Web Scraper: Developed a custom job searching tool that allows users to quickly pull postings from multiple sources and properly filter results to help narrow down their search (*VueJS/ExpressJS/Python*)

Raspberry Pi Banking App: Built a simple mock banking application that app interfaces with an NFC reader to allow for secure login with an NTAG-216 ID card in addition to expected features such as allowing users to add, remove, or transfer funds to their accounts or other users (*Python/Tkinter/SQLite/Linux*)