

Kali Gooderham

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Clearance Level: Secret Clearance

EDUCATION

Lewis University

Bachelor of Science in Computer Science

Spring 2025

Romeoville, IL

- **GPA: 4.0/4.0**
- **Relevant Coursework:** Advanced Python, HTML&CSS, C++, Database Applications, Systems & Design, Project Management, Programming Logic and Technique

College of DuPage

Associate of Applied Science

Spring 2024

Glen Ellyn, IL

- **GPA: 3.95/4.0**

WORK EXPERIENCE

Northrop Grumman

Software Engineering Intern (DevOps)

4. 2024 – 2.2025

Rolling Meadows, IL

- Designed and implemented Jenkins pipelines for existing projects, enhancing CI/CD workflows
- Containerized applications and builds using Docker to increase fluidity between systems
- Developed and executed unit tests for a web application's frontend, improving code reliability and coverage
- Automated release note generation by creating a Python script to verify Git tags and generate markdown files with commit-based release information, decreasing developer intervention
- Collaborated with cross-functional teams to ensure smooth integration of DevOps tools and practices

Northrop Grumman

Software Engineering Intern

5.2023 – 3.2024

Rolling Meadows, IL

- Created and modified tests for a virtual representation of hardware for an Electronic Warfare product using Python and Robot Framework
- Developed embedded functionality to process and transmit hardware data in real-time C++
- Tested software and firmware in the Systems Integration Lab (SIL) to ensure seamless performance of new features
- Ran through unit tests to identify gaps, ensuring comprehensive functionality coverage

Strategy Titan

Data Analytics Intern

10.2022 – 3.2023

Glen Ellyn, IL

- Worked with advanced Excel techniques, such as Power Query
- Conveyed data to others in meaningful ways in Tableau

Best Buy

Geek Squad Consultant Agent & PC Sales

9. 2020 –1. 2023

Joliet, IL

- Delivered technical support and device diagnostics in a fast-paced retail environment.

PROJECTS

Itinerate

- An AI-assisted web-application aimed to create a positive trip-planning experience without the worry.
- Application created using React with Typescript, CSS, FastAPI, MySQL

CERTIFICATIONS, SKILLS & INTERESTS

- **Languages:** Python, Java, C++, HTML&CSS, Typescript, Bash, Git, MySQL
- **Frameworks:** Robot, React, FastAPI
- **Developer Tools:** GitHub, Jira, Docker, Jenkins, VS Code, PyCharm, Itinellij, AWS(s3), Linux
- **Skills:** Verbal and written communication, customer service, critical thinking, time management, analytical, organized
- **Interests:** Web-development, motorcycles, horseback riding, animals, drawing, baking, physical activity