

Ahmad Naweem Samandar

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Summary of Qualifications

- Dynamic student in software engineering at the University of Ottawa
- Knowledge in Python, Java and HTML
- Experience in project management tools such as Jira, Git, GitHub
- Experience in monitoring security logs, utilizing SIEM tools
- Knowledge of security tools, along with CompTIA Security+ and Google Cybersecurity certifications.
- Experience organizing events, leading teams, and managing groups in various settings.

Education

Software Engineering

University of Ottawa | Ottawa, Canada

Sep 2024 - Present

Key Skills

- | | | |
|--------------------------------------|---------------------------|-------------|
| - Leadership/ Management | - Reporting/ Analysis | - HTML5/CSS |
| - Problem Solving/ Critical Thinking | - Teamwork/ Communication | - Java |
| | - Python | - Git/Git |

Projects Experience

uORoute | Python, HTML, CSS, Java

Sep 2024 - Present

- **Developed** an interactive campus navigation website, uORoute, **using HTML, CSS, and JavaScript**
- **Designed** key product features based on UI/UX principles, increasing user engagement by **80%**
- **Implemented GitHub** for version control, reducing code conflicts by **90%** and improving team collaboration efficiency
- **Utilized** Trello for project management, streamlining task completion and boosting productivity by **90%**

Parking Lot Simulator and Optimizer | Java, GitHub

Sep 2024 - Present

- **Developed a Parking Lot Simulator and Optimizer in Java**, completing **5 assignments** applying **6+ OOP principles**
- **Implemented algorithms** to optimize parking lot usage, reducing queue buildup by **30%** and improving space utilization
- **Gained hands-on experience with 5+ data structures** (stacks, queues, lists) and **exception handling**

Work Experience

Volunteer

Sep 2024 – Present

Rideau-Rockcliffe Community Resource Center | Ottawa, Canada

- **Enhanced front-end functionality** for the CharITy13 project, boosting website performance by **30%** and optimizing overall user experience, while leveraging **JavaScript** for dynamic content and automation.
- **Developed and refined code segments** under team lead supervision, ensuring **100%** responsiveness and accessibility utilizing **Python and JavaScript automation scripts**
- **Optimized project workflow**, reducing task completion time by **25%** using **Jira for tracking, Git for version control**, while working in an **Agile environment** to ensure iterative delivery.
- Gained **hands-on experience with DevOps practices**, including continuous integration, and developed a foundational understanding of **IP Networks** (LAN, WAN, WLAN, Firewall).

Youth Program Worker

Jul 2024 – Present

CCI (Catholic Centre for Immigrants) | Ottawa

- **Maintained accurate service records** and program documentation, tracking youth progress and program effectiveness
- **Prepared monthly activity reports** and compiled statistical data to assess program impact and inform decision-making
- **Participated in meetings and activities** to enhance support for newcomers and strengthen collaboration with partners like Sage Youth Program

Administrative Assistant Volunteer

Feb 2024 – Present

CCI (Catholic Centre for Immigrants) | Ottawa

- **Led an OC Transpo public transport orientation** for **20 newcomers**, integrating digital navigation tools for transit
- **Conducted resume-building workshop**, mentored **six youths** on job applications, emphasizing AI tools for job searching
- **Represented CCI at a youth leadership summit**, delivering **information sessions on CCI's mission**

Technical Skills

Languages: Python, Java, HTML/CSS

Developer Tools: VS Code, Jira, Trello, Discord

Technologies/Frameworks: Linux, GitHub, Junit

Certification: CompTIA Security+, Google Cyber Security Certification