

# Ashiq Gazi

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## Summary

Dedicated Software Testing Specialist with hands-on experience at BlackBerry QNX, currently pursuing a dual Honours BSc in Mathematics and Computer Science with a focus on Data Science. Demonstrated expertise in developing automated testing frameworks and improving testing efficiency. Strong foundation in both theoretical computer science and practical software development, with experience in machine learning, web development, and system architecture.

## Technical Skills

|                  |   |                    |  |
|------------------|---|--------------------|--|
| <b>Languages</b> | Python, C, Java, JavaScript, HTML/CSS, Shell Scripting              | <b>DevOps</b>      | Git, Jenkins, CI/CD, Docker Swarm                                |
| <b>Systems</b>   | Linux, RTOS, Docker, Embedded Systems                               | <b>Development</b> | React.js, REST APIs, Object-Oriented Programming                 |
| <b>Testing</b>   | Automated Testing, Integration Testing, Performance Testing, pytest | <b>Core CS</b>     | Computer Architecture, Operating Systems, Concurrent Programming |

## Professional Experience

|   |   |
|---|---|
| <b>BlackBerry QNX</b><br><i>Software Testing Specialist (Internship)</i>  | <b>Sep 2024 – Present</b><br><i>Kanata, Ontario</i> |
| <ul style="list-style-type: none"><li>Developed an automation testing framework for the QNX Everywhere project, achieving 50% improvement in testing efficiency</li><li>Increased test case coverage depth by 25% through comprehensive test suite expansion</li><li>Directly contributed to functional testing and quality assurance of the QNX Everywhere project</li><li>Provided critical feedback and support for the project's CI/CD workflow</li></ul> |   |

## Technical Projects

|   |                            |
|---|----------------------------|
| <b>Natural Language Processing - ML Project</b>   | <b>Dec 2023 – Present</b>  |
| <ul style="list-style-type: none"><li>Developing an NLP system using Python (TensorFlow, Pandas, NumPy) to process and analyze technical documents</li><li>Creating accessibility solutions for non-English speaking immigrants to understand legal documents</li></ul> |                            |
| <b>Tasks Manager - Productivity WebApp</b>  | <b>Dec 2023 – Present</b>  |
| <ul style="list-style-type: none"><li>Architecting a React-based productivity application with Tailwind CSS for enhanced UI/UX</li><li>Implementing comprehensive task management features including to-do lists, reminders, and habit tracking</li></ul>               |                            |
| <b>Fight4TheFlow Non-Profit Uganda Charity</b>  | <b>Oct 2021 – Dec 2021</b> |
| <ul style="list-style-type: none"><li>Designed and developed organization website using Figma and Wix</li><li>Led social media integration efforts resulting in over \$10,000 in donations</li></ul>  |                            |
| <b>High School Fundraising Leaderboard</b>  | <b>Feb 2021 – Apr 2021</b> |
| <ul style="list-style-type: none"><li>Engineered a real-time fundraising tracking system using Python and JavaScript</li><li>Implemented automated leaderboard functionality with dynamic updates</li></ul>   |                            |

## Education

|  |                                       |
|--|---------------------------------------|
| <b>University of Ottawa</b><br><i>Honours BSc Mathematics and Honours BSc Computer Science (Data Science)</i>  | <b>Sep 2023 – Jun 2029 (Expected)</b> |
| <ul style="list-style-type: none"><li>CGPA: 8.1/10</li></ul>   |                                       |
| <b>Cairine Wilson Secondary School</b><br><i>Ontario Secondary School Diploma (OSSD)</i><br><i>Specialist High Skills Major (SHSM)</i><br><i>International Certificate Program (ICP)</i> | <b>Sep 2019 – Jun 2023</b>            |