

# Inaam Azeezur-Rahman

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## EDUCATION

### University of Toronto

Honours Bachelors of Science in Computer Science Minors in Mathematics GPA - 3.7

Toronto, ON

Sep. 2021 – May 2025

## EXPERIENCE

### Cybersecurity Analyst Intern

May 2023 – September 2023

Toronto District School Board

Remote, ON

- Manage cybersecurity protocols and operations to minimize any risk to the organization along with ServiceNow.
- Developed Python and PowerShell scripts to optimize bulk operations, streamlining time usage. This includes automating processes for appending Indicators of Compromises (IOCs) and leaked-credentials verifications
- Utilize Splunk-Query-Language (SPL) and Microsoft EDR for Threat Hunting. Leverage SOAR Automation to detect and remediate threats, resulting in an 85% increase in threat detection and response.
- Design and create analytical reports on discoveries on a monthly and biweekly basis, providing insights into security incidents, vulnerabilities, and risk mitigation strategies.

### Software Engineer Intern

May 2022 – September 2022

Avolta Inc

Toronto, ON

- Worked as a Software Engineer Intern at Avolta Inc, where I was part of a team of four, responsible for the development of an open-source full-stack cross-platform application
- Utilized technologies such as React-Native, Redux, Firebase, and Stripe to develop front-end and back-end functionalities of the mobile application
- Coordinated with other teams and effectively communicated with them to ensure timely development, deployment and maintenance of the web-app and mobile application

## PROJECTS

### TailTrackr | React, MongoDB, Redux, SciKit Learn, OpenCV, Flask, LLM, Figma

Aug 2023 – Nov 2023

- A mobile application designed to enhance animal tracking and rescue efforts
- Collaborated on AI-powered image recognition: Played a key role in implementing the Convolutional Neural Network for image recognition that identifies animal species, breed, fur/skin color, and eye color, improving the accuracy of animal descriptions
- Developed responsive front-end application using React.js, based on Figma UI model. Integrated Flask as the backend framework to enhance system efficiency and deliver seamless user experiences
- Developed RESTful APIs with Flask: Designed and implemented RESTful APIs using the Flask framework, ensuring efficient communication between the mobile app and the backend server.

### Stock Market Simulator | Java, PostgreSQL, YahooAPI

Sep 2022 – Dec 2022

- Developed a stock market simulator application for the University of Toronto's CSC207 - Software Design course, utilizing Clean Architecture and SOLID principles to ensure high cohesion and low coupling
- Implemented user account creation and management functionality, allowing users to simulate real-life stock market investments and compare profits with other users
- Utilized PostgreSQL for external database storage and Yahoo API for gathering stock market information, providing users with accurate and up-to-date data for their simulated investments

### Level Up | Python, MongoDB, PyGame, OpenCV, Mediapipe, NumPy

Sep 2022 – Sep 2022

- Developed a multi-functional fitness application for Hack The North 2022, utilizing advanced technologies such as Python, MongoDB, PyGame, OpenCV and Mediapipe
- Implemented an algorithm using Mediapipe and OpenCV frameworks to detect proper repetitions of exercises using AI technologies and models, providing users with accurate and personalized feedback on their form

## TECHNICAL SKILLS

**Languages:** Java, Python, Javascript, HTML, CSS, SQL, Typescript, C, Splunk, Shell, Powershell

**Frameworks:** React, Node.js, Flask, SQL, OpenCV, MongoDB, SciKit, TensorFlow, AngularJS

**Developer Tools:** Git, Visual Studio, PyCharm, Netbeans, Eclipse, Repl.it, OracleDB, Figma, ServiceNow

**Skills:** Collaborative, Creative, Leader, Communicator, Problem-Solving, Curious, Organization, Adaptability, UI/UX

**Courses and Understanding:** Object Oriented Programming, Docker, Machine-Learning, SOLID Principles, API

**Integration Processes:** Agile, Scrum