

Anas Khan

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Education

York University, Lassonde School of Engineering | *Toronto, ON*

BSc - Computer Science, Honors

Courses: Advanced OOP, Assembly, Data structures and algorithms, Python, C Programming

Experience

Junior Software Programmer | *Lassonde School of Engineering*

May 2023 - Present

- Utilized **Salesforce Lightning** to create custom solutions, elevating user engagement by **25%**
- Designed an interactive data visualization dashboard using Power BI for the Lassonde Co-op and Internship division to provide over 500 students with insight on placements
- Integrated automated plagiarism detection using REST APIs, ensuring streamlined monitoring of academic honesty.
- Maintained **96% SLA rate** through efficient ticket management in Halo ITSM, LIT.

Cyber Security Intern | *City of Toronto*

January 2024 - Present

- Assisted in developing a newer, more secure Database model that improved data time analysis and database safety by 72%
 - Created a protocol that reduces security breaches by 70% via aggressive network scanning.
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Personal Projects

PokeTools | Responsive Web applications

- A web app that utilizes PokeAPI to display pictures and descriptions of 800+ pokemon
- Implemented Material UI for a responsive design that is good for all sizes.
- **Resources:** JavaScript, React, MaterialUI, Netlify

Deploy bot | *Discord bot*

- An interactive discord bot that allows users to play multiplayer games in real-time, check current prices for stocks and crypto and integrate/derive mathematical functions.
- Utilized various APIs to present and display information to the user in an interactive way.
- **Resources:** JavaScript, Heroku, Git, Node.js

Lightning Math app | *Android application*

- Time-based math game where the user has to solve the given math problem before a set time and continue the answer streak
 - Implemented JUnit tests to test for Pre and Postconditions
 - Utilized different types of data structures for saving User's scores and high scores for each game mode.
 - **Resources:** Java, Android studio, Figma, Git
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Technical Skills

Languages: Java, Python, Javascript, HTML/CSS, SQL, C, C++

Software / Tools: Android Studio, Git, VS Code, IntelliJ , Salesforce Lightning, Tailwind, Reactjs, Nextjs, MaterialUI, MongoDB, Microsoft Tools