

# Anthony Qin

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## SKILLS

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### Programming:

- Fluent in C, C#, Java, Python, and JavaScript used to create software for both personal and academic purposes.
- Proficient in utilizing Linux environments to develop and deploy software solutions
- Adept with React.js, Next.js, and HTML/CSS for the development of personal and course websites
- In-depth understanding of Regression and Classification machine learning models through academic and personal projects
- Proficient with NumPy and Pandas libraries after using them to build ML models from scratch
- Experienced with Android Studio through building a full-stack Android App
- Well-versed in Advanced Data Structures and Algorithms, Software Design Patterns (ie. Gang of Four), and Object Oriented Programming (OPP) used to write concise, efficient, and scalable code in projects.
- Experienced in Unity to create apps and games

### Software Development:

- Familiar with version control (Git), Software Development Life Cycle (SLDC), and SCRUM/Agile methodologies used to manage personal, academic, and professional projects.

### UI/UX Design:

- Understanding of Human-Computer Interaction concepts used to create the interface of mobile apps
- Experience using Figma to create mockups of projects

### Soft Skills:

- Excellent teamwork and communication skills fostered through group projects, Hackathons, and Game Jams.

## WORK EXPERIENCE

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### Full Stack Engineer Co-op @Manulife

January - April 2023

- Built a full-stack internal dashboard application from scratch using Spring Boot and React.js, greatly improving the collaboration between different departments.
- Provided application support on existing projects by configuring servers using Putty, ensuring the application ran smoothly when needed.
- Assisted with development of automation scripts using PowerShell and C, dramatically improving the efficiency of my team.

## AWARDS

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### Hackathon: Hack the Valley 7

October 2022

- Developed IntelliVerse, a full stack app using React Native, MongoDB, and GraphQL, offering emotional insight into text conversations with AI driving automatic sentiment analysis.
- Won awards in the categories: Best Discovery Hack and Most Creative Use of GitHub

## EDUCATION

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### Bachelor of Science

August 2021- Present

University of Toronto, Toronto, ON.

- **Major:** Specialist Program in Computer Science Co-op: Software Engineering, 3rd year
- **Notable Courses:** Machine Learning, Artificial Intelligence, Numerical Algorithms for Computational Mathematics, Software Design, Advanced Data Structures, Algorithm Design and Analysis, Human-Computer Interaction (HCI)

## RELEVANT PROJECTS

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### Full-Stack Android App

August 2022

- Developed a full-stack Android app, "SportsHub," using Android Studio and Java.
- Applied Software Design Patterns and Object-Oriented Programming to enhance app efficiency and scalability.
- Utilized Firebase's Realtime Database and Authentication for seamless data storage and user authentication.
- Led the project with Scrum methodology and Jira, fostering a highly productive team dynamic.
- Collaborated with a 4-member team, demonstrating strong communication and teamwork skills to achieve sprint goals and ensure optimal productivity.