Anthony Qin

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SKILLS

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 using React.js, and HTML/CSS for the development of personal and course websites
- Experienced with Android Studio through building a full-stack Android App
- Experienced with using Unity to create apps and games
- 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.

Software Development:
- Familiar with version control (Git), the 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 the interface of a mobile app
- Experience using Figma to create mockups of potential websites

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

WORK EXPERIENCE

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

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

Bachelor of Science   August 2021- Present

University of Toronto,   Toronto, ON.

- Specialist Program in Computer Science Co-op: Software Engineering, 2nd year

- Notable Courses: Linear Algebra 2, Introduction to Computational Theory, Software Design, Computer Networks, Human-Computer Interaction

RELEVANT PROJECTS

Full-Stack Android App   August 2022

- Used Android Studio and Java to build a full-stack Android app called "SportsHub" which allows users to join, create, and manage sports events at various venues and locations.
- Significantly improved our app's efficiency and scalability by implementing several Software Design Patterns and using Object Oriented Programming
- Used Firebase's Realtime Database and Authentication to store data and handle user authentication
- Managed the project using Scrum methodology and Jira, allowing to team to work together efficiently like a well-oiled machine
- Effectively coordinated with 4 teammates, using communication and teamwork skills to ensure maximum productivity from team members and that our sprint goals were met