

# Uzair Ahmed

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## SKILLS

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**Programming:** SwiftUI (iOS), C,, Java, Python, JavaScript, HTML/CSS, C++, SQL, Node.js, React.js, MATLAB

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile

## EDUCATION

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### Bachelor of Computing, COOP

Computer Science at University Of Guelph

Ontario, Guelph

Expected Graduation, May 2027

- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

## PROJECTS

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### Barcode App

May 2024

- Developed a Barcode Scanner App using SwiftUI, implementing efficient barcode scanning and decoding functionalities to provide quick and accurate information retrieval.
- Integrated real-time scanning capabilities with the device's camera, ensuring seamless user experience through responsive and interactive design elements.
- Enhanced app performance and usability by optimizing algorithms for faster scanning and creating a clean, intuitive user interface with clear visual feedback for users.

### Apple Mock Weather App

May 2024

- Designed and implemented a user-friendly weather application utilizing SwiftUI.
- Incorporated real-time weather data integration, providing users with current weather conditions, forecasts, and alerts.
- Leveraged SwiftUI's declarative syntax to create a responsive and interactive user interface, ensuring a seamless user experience.

### Apple Framework App

May 2024

- Developed a comprehensive framework app for Apple, and adhering to Apple's design and development guidelines.
- Implemented core functionalities and user interface components, ensuring high performance, scalability, and seamless user experience.
- Designed intuitive UI components: Developed custom views, animations, and transitions to enhance user engagement and ensure a smooth user experience.

## CERTIFICATIONS

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### C Programming For Beginners - Master the C Language

Udemy - 25.5 Total Hours

Sept 2023 – Oct 2023

- Acquired comprehensive knowledge of C programming basics, including data types, operators, control structures, and functions
- Utilized advanced C programming concepts like dynamic memory allocation, pointers, and data structures to solve complex problems,

### Advanced C Programming Course

Udemy - 29.4 Total Hours

Jan 2024 – May 2024

- Gained in-depth knowledge of advanced C programming concepts, including pointers, memory management, data structures, and algorithm optimization.
- Applied advanced techniques in practical projects and exercises, enhancing problem-solving skills and coding proficiency in C.

### Java 17 Masterclass: Start Coding in 2024

Udemy - 138.4 Total Hours

Nov 2018 – Jan 2019

- Gained proficiency in advanced Java 17 features, including lambda expressions, streams, and new enhancements.
- Developed scalable applications, utilized Java frameworks, and ensured code quality through thorough reviews and debugging.

