

Brandon Cano

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<https://github.com/bmcano>

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SKILLS

Programming Languages Kotlin | Java | JavaScript | TypeScript | HTML/CSS | Python
Technologies Git | GitLab/GitHub | Android | Jetpack Compose UI | XML | LaTeX

WORK EXPERIENCE

Software Engineer

August 2024 - Present

State Farm

Bloomington, IL

- Continue developing and maintaining the State Farm Mobile App as an Android developer.
- Continuous collaboration with various teams to review specifications for new features and changes.

Software Engineer - Intern

May 2022 - August 2024

State Farm

Bloomington, IL

- Worked on the State Farm Mobile App as an Android developer.
- Revamped FAQs in the app using Kotlin and Jetpack Compose, which involved modernizing code and improving scalability.
- Migrated legacy Java code to Kotlin, which improved code maintainability and support for new feature.
- Verified logic of utilities in multiple modules.
- Individually assessed feature changes for complete platform functionality.

Engineering Tutor

January 2022 - May 2022

University of Iowa - College of Engineering

Iowa City, IA

- Worked in a group setting to help guide students on homework.
- Organized and facilitated comprehensive exam reviews for groups of students.
- Participated in interactive workshops to enhance collaboration skills.

NOTABLE PROJECTS

Electrical Component Calculator Suite | Android Apps

June 2022 - Present

- Independently built Android apps for finding the calculating values of resistors, capacitors, and inductors.
- Utilized Kotlin and Jetpack Compose UI with android studio to build the apps.
- Utilized custom-built library to manage shared code, improving maintainability across all apps.
- Continuously enhancing product functionality and resolved technical challenges to optimize performance.
- Combined 60,000+ downloads across all three apps on the [Google Play store](#).

Workday Wellness App | Web App | Sponsored by: State Farm

January 2024 - May 2024

- Worked in a team of four to build an application that gives positive workday habits and enhances overall employee wellbeing.
- The application recommend exercises and stretches during work hours and automatically schedules these activities in Outlook calendar.
- Developed this prototype for our sponsor, State Farm, to evaluate its potential as an internal application.
- Utilized Node.js and MongoDB for the backend and used TypeScript and React for the front end.

EDUCATION

Master of Science - Electrical and Computer Engineering

August 2023 - May 2025

University of Iowa

Iowa City, IA

- Specialization in Software Engineering
- Participating in the Undergraduate-to-Graduate (U2G) five year plan

Bachelor of Science in Engineering - Computer Engineering

August 2020 - May 2024

University of Iowa

Iowa City, IA

- Minor in Mathematics
- 3.7 GPA - Dean's List