Brandon Cano

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https://github.com/bmcano | https://www.linkedin.com/in/brandon-cano/
https://play.google.com/store/apps/developer?id=Brandon+Cano

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*

- Developing and maintaining features for the State Farm Mobile App as an Android developer.
- Implementing new services, added features, handled edge cases, and rewrote screens to modern standards.
- Designed blueprints for common screen patterns to ensure UI/UX consistency across the app.
- 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.
- Rewrote FAQ sections in the app, which involved modernizing code to improve maintainability and scalability.
- Migrated legacy Java code to Kotlin, which improved code maintainability and supporting new feature.
- Verified logic of utilities in multiple modules.
- Independently assessed feature changes to ensure 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 calculating values of resistors, capacitors, inductors, etc.
- 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 100,000+ downloads across all four 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 recommends exercises and stretches during work hours and automatically schedules activities in the user's 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*

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