Brandon Cano

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WORK EXPERIENCE

Software Engineer Intern   **May 2022 - Present**
State Farm   *Bloomington, IL*
- Work on the State Farm Mobile App for android
- Collaborated with various teams to review specifications for new features and changes
- Revamped FAQs section in the app using Kotlin and Jetpack Compose to replace outdated code with a modern, expandable format.
- Worked on a new document center to streamline user experience in handling confidential documents
- Rewrote obsolete Java files to new Kotlin files to increase maintainability and support for new features
- 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*
- Tutored Calculus, Linear Algebra, and Differential Equations
- 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

EDUCATION

Master of Science - Electrical and Computer Engineering   **August 2023 - May 2025**
University of Iowa   *Iowa City, IA*
- Pursuing an area of study in Software Engineering
- Participating in the Undergraduate-to-Graduate (U2G) five year plan
- Dual-enrollment in both undergraduate and graduate programs

Bachelor of Science in Engineering - Computer Engineering   **August 2020 - May 2024**
University of Iowa   *Iowa City, IA*
- Focus area in Software Engineering
- Pursuing a minor in Mathematics
- 3.7 GPA - Dean's List
- Involved with the Hawkeye Marching Band

NOTABLE PROJECTS

Resistor Color Code Calculator | Android App   **June 2022**
- Independently built an android app to allow users to find the resistance of a resistor or to find the resistor from the resistance
- Utilized Kotlin and XML with android studio to build the app
- Continuously enhanced product functionality and resolved technical challenges to optimize performance
- The app is on the Google Play store and has over 10000 downloads
- Google Play store listing and GitHub repository

Capacitor Calculator | Android App   **July 2023**
- Independently built an android app to allow users to find the capacitance of a capacitor
- Utilized Kotlin and Jetpack Compose UI with android studio to build the app
- Google Play store listing and GitHub repository

SKILLS

Programming Languages   Kotlin | Java | Python | C/C++
Technologies   GitLab/GitHub | Android | Jetpack Compose UI | XML | LaTeX