

# Navya Hooda

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## EDUCATION

### University of Toronto

*Bachelor of Science in Statistics, Computer Science, and GIS*

Mississauga, ON

Sep 2021 - Apr 2026

## TECHNICAL SKILLS AND KNOWLEDGE

**Languages:** Java, Kotlin, Python, R, SQL, HTML/CSS

**Frameworks:** Android SDK, JUnit, JavaFX

**Developer Tools:** GitHub, Git, SourceTree, Android Studio, PyCharm, IntelliJ, Eclipse

**Technical Concepts:** UML Design, Design Patterns, SOLID Principles, SDLC, Agile Methodology

## EXPERIENCE

### Mobile Developer

May 2023 – Aug 2023

*CIBC*

*Toronto, ON*

- Developed an ESG-focused pilot feature for the CIBC Mobile Banking Application within CIBC's Digital Innovation Team
- Utilized Kotlin, Java, and Android Studio** to develop the Android platform application, adhering to industry best practices in mobile development
- Collaborated with an external vendor on a regular basis to communicate requirements, address concerns, and applied agile principles throughout to deliver a successful implementation of their SDK
- Played a pivotal role in the feature's life cycle, participated in code reviews, and thorough unit testing to ensure high-quality deliverables each sprint
- Presented an enterprise-level solution aimed at enhancing digital banking experience for clients, with potential **annual savings of \$1M**
- Actively involved in Proof of Concept (POC) planning by **identifying user pain points** within the banking app and presenting use cases for future features to enhance the overall mobile banking experience

### IT & Web Support Intern

May 2022 – Aug 2022

*DTK Industrial Components Inc.*

*Mississauga, ON*

- Investigated issues with the main website and monitored back-end logs to ensure an overall positive experience for customers
- Assessed weak points in the system and addressed possible bugs
- Documented bugs and generated problem reports to identify any patterns of common errors
- Provided customer support with online orders as needed

### Outreach and Communications Lead + Mech/Elec Lead

Sep 2017 – Aug 2022

*First Robotics Canada*

*Mississauga, ON*

- Pitched the team's strategy and design to panels of 15+ judges each game season, and represented the team at award interviews
- Optimized electrical board configurations as per technical constraints and prioritized efficient robot design
- Led robotics workshop series for younger students in STEM in our local community each year to share the spirit of robotics
- Returned as an alumni member to mentor participants about introductory robotics and coding skills and contribute to overall team growth

## PROJECTS

### Accessibility Focused Tetris Game | *Java, JavaFX, GitHub/Git, JUnit*

- Targeted user pain points and accessibility in basic Tetris and added features to enhance user support and experience
- Used Agile methodology in the development process, and conducted unit and integration testing of features
- Utilized design patterns to create features dynamically in the game

### Ridesharing Simulation Program | *Python*

- A ridesharing and taxi program that finds the optimal route for service based on various factors
- Devised an algorithm using OOP concepts to calculate the fastest route
- Performed rigorous testing of various scenarios by creating a large test data-set to ensure correctness