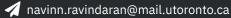
# Navinn Ravindaran

🕈 Toronto, Ontario, CA



🕜 navn.me

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#### EDUCATION

## **University of Toronto**

Toronto, ON

Honours Bachelor of Science, Computer Science & Statistics Co-op

Sep 2019 — Apr 2023 (Expected)

**Cumulative GPA: 3.78 / 4.00** 

Notable Courses: Software Design, Software Engineering, Programming Languages, Software Tools and Systems Programming

Awards: Dean's List of Academic Excellence (2019-20), University of Toronto Scholar (\$7500)

#### **SKILLS**

Programming: HTML, CSS, TypeScript, JavaScript, Java, C, Python, Shell, LaTeX

Frameworks and Tools: Angular, React, React Native, Node.js, Express.js, JIRA, GitHub Actions, TravisCI, MongoDB, Firebase

Development Methodologies: Agile Scrum, Agile Kanban, Test Driven Development

#### WORK EXPERIENCE

#### CaseWare International Inc.

Toronto, ON

Software Developer Co-op

Sep 2020 — Apr 2021

- Active contributor in an **Agile Scrum** of **11** members, closely collaborating with developers, manual & automation QA and product owners
- Facilitated Daily Standup meetings using various Sprint, Regression, and On Call Jira Boards
- Decreased developer & QA regression efforts by 60% by converting manual tests to unit tests with Karma, Jasmine and TypeScript
- Developed major features and hotfixes using Angular, AngularJS, RxJS and NGXS improving the end-user experience for 60+
  international distributors

#### **PROJECTS**

# **UImpactify** — Online Learning Platform

(Website) (GitHub)

- Engaged in an Agile Scrum of 7 members over 4 sprints, specializing in education for the social purpose sector
- Facilitated Daily Standup, Backlog Refinement, and Architecture Design meetings following best Agile practices
- Developed and deployed a Discord Bot to supplement Daily Standup meetings, reducing overall time by 50%
- Core Features: Course Enrollment, Lectures & Assessments, Student Analytics, Course Surveys, Realtime Chat, Volunteer Opportunities, Donation System
- Technology: MongoDB, Express.js, Angular, Node.js, Clarity Design, Socket.io, Chart.js, Multer, GridFS, Figma, JIRA

#### Noten — Cloud Based Grade Management Application

(Google Play Store) (GitHub)

- Developed using a single codebase, deployable to both iOS and Android
- Implemented a flattened data store, resulting in 4x fewer database queries on all CRUD operations on grades
- Core Features: Multi-Semester & Course Management, Grade Prediction, Pass/Fail Courses, Multiple Grade Scales, Selective Grade Calculation
- Technology: React Native, Firebase Realtime Database, Firebase Authentication with Google OAuth 2.0

# **Spotify API Clone** — Social-centric Music Player REST API

(Documentation) (GitHub)

- Core Features: Create and follow user profiles, Upload and like songs, Playlist generation, Query liked songs from followers
- Technology: Java, Spring Boot, MongoDB, Neo4j, Microservices Architecture

### Ritrovo - Full-Stack Social Platform

(Website) (GitHub)

- Built a REST API and community dashboard for creating posts and collaborating with users authenticated with Password
  Hashing
- Technology: MongoDB, Express.js, Angular, Node.js, bcrypt, Mongoose, Markdown, Heroku