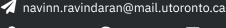
Navinn Ravindaran









EDUCATION

University of Toronto

Toronto, ON

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

Sep 2019 - Apr 2023 (Expected)

Cumulative GPA: 3.77 / 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

Languages: TypeScript, JavaScript, Java, HTML, CSS, C, Python, SQL, Shell

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

Concepts: APIs (REST, GraphQL), Agile Methodologies (Scrum, Kanban, Test Driven Development), CI/CD

EXPERIENCES

Major League Hacking

Remote

Jun 2021 — Aug 2021

• Summer 2021 fellow — Contributing to open source software using **TypeScript** and **JavaScript**

HaloFull-Stack Software Engineer Intern

MLH Fellowship — Open Source Track

Chicago, IL

May 2021 — Aug 2021

• Developing a marketplace connecting scientists to funding and research opportunities using React and Ruby on Rails

CaseWare International

Front-End Software Developer Co-op

Toronto, ON

Sep 2020 — Apr 2021

- Facilitated Daily Standup meetings using multiple JIRA project boards in an Agile Scrum of 12 members
- Decreased developer & QA regression efforts by 60% by converting manual tests to unit tests with Karma, Jest and Jasmine
- Developed major features and critical hotfixes using **Angular** and **AngularJS**, improving the end-user experience for **130+** international accounting firms

PROJECTS

UImpactify — Online Learning Platform

(Website) (GitHub)

- Engaged in an Agile Scrum of 7 over 4 sprints, battling the lack of specialized education in the social purpose sector
- Developed and deployed a Discord Bot to supplement Daily Standup meetings, reducing overall time by 50%
- Core Features: Courses, Lectures & Assessments, Analytics, Realtime Chat, Volunteer & Employment, Donation System
- Technology: MongoDB, Express.js, Angular, Node.js, Socket.io, Chart.js, Multer, GridFS, Heroku, Figma, JIRA

Noten — Cloud Based Grade Management Application

(Google Play Store) (GitHub)

- Implemented a flattened data store, resulting in 4x fewer database queries on all CRUD operations on grades
- Core Features: Semester & Course Management, Grade Prediction, Multiple Grade Scales, Selective Course & Grade Calculation
- Technology: React Native, Firebase Realtime Database, Firebase Authentication with Google OAuth 2.0

Ritrovo — Full-Stack Social Platform

(Website) (GitHub)

- Built an authenticated GraphQL API and community dashboard for creating posts and collaborating with users
- Eliminated code duplication by 3x using auto generated schemas for database models, API queries and TypeScript interfaces
- Technology: React, Next.js, TypeScript, Apollo, MongoDB, Mongoose, JSON Web Tokens, Vercel

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