





Navinn Ravindaran

 navinn.ravindaran@mail.utoronto.ca
 navn.me  navn-r  navn-r

EDUCATION

University of Toronto

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

Toronto, ON
Sep 2019 — Apr 2023

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, University of Toronto Scholar (\$7500)*

SKILLS

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

Frameworks & Tools: React, Angular, Node.js, Ruby on Rails, Docker, JIRA, GitHub Actions, MongoDB, PostgreSQL, Firebase

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

EXPERIENCES

Major League Hacking

Open Source Fellow

Remote, NA
Jun 2021 — Aug 2021

- Contributed to major issues in the open source JupyterLab project using **React**, **TypeScript** and **Python**
- Selected as one of **60** fellows from over **5000+** international applicants, under the guidance of MLH mentors and coaches

Halo Science

Full-Stack Software Engineer Intern

Chicago, IL
May 2021 — Aug 2021

- Eliminated redundant manual user tests by creating an **End-to-End automation suite** with **Jest** and **Playwright**
- Reduced developer setup from **hours** to **minutes** by Dockerizing the **React** and **Rails** codebase with **Docker Compose**
- Built a **40%** faster database seeding script with **auto-generated data** using **Faker**, replacing outdated migration scripts

CaseWare International

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** 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)

- Developed in an Agile Scrum of **7** over **4** sprints to combat the lack of specialized education in the social purpose sector
- 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 — Grade Management App (75+ Installs)

(Google Play Store) (GitHub)

- Core Features:** Semester & Course Management, Grade Prediction, Multiple Grade Scales, Selective Grade Calculation
- Technology:** Ionic, React, TypeScript, Firebase Realtime Database, Firebase Authentication

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