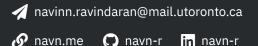
Navinn Ravindaran



EDUCATION

University of Toronto

Toronto, ON

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

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

Open Source Fellow

Major League Hacking

Remote, N.A.

Jun 2021 — Aug 2021

• Selected as one of 30 fellows from over 5000+ international applicants, under the guidance of MLH mentors and coaches

• Contributed to major PRs in the open source JupyterLab project using React, TypeScript and Python

Halo Science

Chicago, IL

Full-Stack Software Engineer Intern

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 2 hours to 10 minutes by Dockerizing the React and Rails codebase with Docker Compose
- Built a 33% faster database seeding script with auto-generated data using Faker, replacing outdated migration scripts

CaseWare International

Toronto, ON Sep 2020 — Apr 2021

Software Developer Co-op

- Decreased developer & QA regression efforts by 60% by converting manual tests to unit tests with Karma and Jasmine
- Refactored 800+ lines of legacy AngularJS plugins to Angular, improving code modularity using dependency injection
- Developed the foundation of an audit trail used by 130+ international accounting firms, preventing asset misappropriation

PROJECTS

UImpactify (Website) (GitHub)

- An online learning and crowdfunding platform to provide accessible specialized education in the social purpose sector
- Spearheaded the design and development of course creation, realtime chat, assessment uploading and donation systems to effectively engage student and instructor collaboration
- Technology: MongoDB, Express.js, Angular, Node.js, WebSockets, Heroku, Figma, JIRA

Noten (Google Play Store) (GitHub)

- An open source grade tracker app with **75+ installs** featuring multi-semester management, grade prediction, multiple grade scales, and selective course + grade calculation
- Technology: Ionic, React, TypeScript, Firebase Realtime Database + Authentication

Spotify API Clone (Documentation) (GitHub)

- A microservices REST API backend to create and follow user profiles, upload and like songs, generate and query playlists
- Technology: Java, Spring Boot, MongoDB, Neo4j