# Aryan Patel

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## EDUCATION

**University of Toronto**                                                                                                  Sept 2019 – April 2023
Honours Bachelor of Science, Computer Science (Co-op), Major in Statistics                        cGPA: **3.74** / 4.0
**Awards:** Dean's List of Academic Excellence (2019 - 2021)
**Teaching Assistant:** Software Design (CSCB07)                                                      Sept 2021 – Present

## TECHNICAL SKILLS

**Languages:** Java, C, JavaScript, TypeScript, Python, SQL, HTML, CSS
**Framework and Tools:** Spring Boot, Angular, ReactJS, Git, NoSQL (MongoDB, Firebase), Jira, Jenkins, Kafka, Apache Camel, Azure
**Concepts:** REST APIs, Agile Methodologies, Unit & Integration Testing , CI/CD

## EXPERIENCES

**Incoming Software Engineer Externship @ GitHub**                                        Sept 2021 – December 2021
Major League Hacking                                                                                                        Remote, NA

- Developing on the open and inner source software powering **GitHub.com** using **TypeScript**, **Node.js**, and **Ruby**
- Selected as one of **22** interns from **5000+** international applicants, under the guidance of GitHub engineers and MLH mentors

**Cloud Software Developer Intern**                                                                           May 2021 – August 2021
The Royal Bank of Canada                                                                                                      Toronto, ON

- Contributed to a Real Time Payment application with **Java**, saving RBC **$2 million** dollars from Interac annually
- Developed and demoed the foundation of new routing services for Interac e-transfer with **Spring Boot** and **Apache Camel**, used by **millions** of concurrent users
- Increased code coverage by **30%** by reworking regression tests, preventing redundant API setup calls to **MongoDB**

**Academic Representative**                                                                                        Sept 2020 – Jan 2021
The Association of Mathematical and Computer Science Students, UofT                                Toronto, ON

- Closely collaborated with team members and professors to plan fundamental calculus concepts
- Planned and conducted final exam review seminars for **300+** first year students
- Facilitated weekly office hours for students to assist with academic concerns and issues

## PROJECTS

**UImpactify** (Website, GitHub)                                                    **MongoDB / Express.js / Angular / Node.js / Jira**

- Developed an eLearning platform to battle the lack of specialized education in the social purpose sector
- Collaborated in a team of **7** using Agile Development Framework and management tools such as Git and Jira to create a MEAN stack application with REST software architectural design
- Quickly and independently learned the fundamental technologies and frameworks required for the project including Angular, TypeScript, and NoSQL databases

**Spotify API Clone** (GitHub)                                                                 **Java / Spring Boot / MongoDB / Neo4j**

- Leveraged **microservices** for future extensibility and Java Spring Boot to develop a REST API that mimics Spotify
- Core features include creating a profile, following users, liking songs, playlist generation, and querying songs from followers

**Mock Command-Line Interface** (GitHub)                                       **Java / JUnit / Object Oriented Programming**

- Developed a Java based file system emulating core **UNIX** commands in an Agile Scrum of **3**
- Utilized singleton, and interface segregation software design patterns to minimize redundant code and improve extensibility
- Incorporated **300+** JUnit tests with **100%** test coverage to ensure quality code that exceeds the standards