Aryaman Sharma

Nationality : Canadian
Available for: 4, 8, 12 or 16 months

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EDUCATION

University of Toronto, St. George — Toronto, ON
Computer Science Specialist with Mathematics and Statistics Minor; cGPA: 3.36 — *Sept. 2021 – Ongoing*
- **Related Courses**: **CSC373**: Algorithm Design, Analysis & Complexity, **CSC309**: Programming on the Web, **CSC311**: Introduction to Machine Learning, **CSC384**: Introduction to Artificial Intelligence, **STA302**: Methods of Data Analysis I, **CSC207**: Software Design, **CSC209**: Software Tools and Systems Programming

The Doon School — Dehradun, India
International Baccalaureate Diploma Program (IBDP) Examination– 45/45 perfect score — *Apr. 2015 – July. 2021*

University of Michigan (Summer School Program) — Ann Arbor, MI
Attended a 3 week pre-college program in the Business and Entrepreneurship Academy — *June, 2019*

PROFESSIONAL EXPERIENCE

BoxPay — Gurugram, India
Back-End Software Engineer, Intern — *May 2023 – August 2023*
- **AWS**: Optimized an event-driven architecture using AWS (SQS, SNS, S3, DynamoDB, Elasticsearch) to facilitate robust payment processing, and efficient data management of Bank Identification Numbers and reconciliation.
- **REST APIs**: Developed and maintained REST APIs to facilitate payment processing, and reporting.
- **Completable Future & Spring Framework**: Leveraged Completable Future for reactive programming, ensuring responsive payment operations and utilized the Spring Framework to design and implement robust systems.
- **PSP Intergrations**: Designed and executed settlement file integration for leading Payment Service Providers (PSPs), WorldPay, Adyen, and BillDesk, ensuring seamless reconciliation reporting.

PROJECTS

1on1 Scheduling Website — Jan. 2024 – Ongoing
HTML, CSS, Bootstrap, Python, Django, REST, React JS — *Group*
- **Technologies**: Engineered a scheduling platform from concept to launch, employing HTML, CSS, Bootstrap for the prototype, Django and REST for backend services, and React JS for the frontend. This project showcased my ability to deliver a full-stack solution, integrating user-friendly design with robust functionality.

MLB Dashboard Web Application — July. 2023 – Ongoing
Java & React Framework — *Individual*
- **App**: Developing a full-stack web application which will contain data for all MLB Players.
- **Technologies**: Learnt and used Spring Boot and Spring MVC APIs for implementing the back-end and the React Framework to implement the front-end of the application.

Dating App — Sept. 2022 – Dec. 2022
Java (Swing) — *Group*
- **App**: Developed a dating app for the University of Toronto, where students can sign up and match with other students to then further chat and meet.
- **Technologies**: Curated a primary algorithm on which matching of students will be based. Used my proficiency in Java Swing for building a rich graphical user interface (GUI) for the app.

Friends Server — March. 2023
C Programming Language — *Individual*
- **Server**: Developed a Network-Based server using C and sockets where different systems can connect to a port and interact. Implemented features such as listing users, making friends, posting from one friend to another, and printing a user's profile.

PROGRAMMING SKILLS

- **Languages**: Java, Python, C, JavaScript, HTML, CSS, R Programming Language, MIPS, Shell Programming

- **Technologies**: AWS (SQS, SNS, S3, DynamoDB, Elasticsearch), Git, Spring Framework, Completable Future, Django, React JS, Bootstrap, REST APIs, Numpy, Swing, Maven