Aashdeep Brar

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EDUCATION

University of Toronto   **Sept 2016 – Exp. Aug 2021**

HBSc. in Computer Science   *Toronto, ON*

- **GPA:** 3.90/4.00
- **Awards:** Dean's List Scholar (2016 – 2019), Computer Science Honor Roll (2016 – 2019)
- **Teaching Assistant:** CSC148 - Introduction to Computer Science (Jan. 2019 - Apr. 2019)

WORK EXPERIENCE

Amazon   **Aug 2020 – Dec 2020**

Software Development Engineer Intern   *Toronto, ON*

- Researched and migrated the existing logging architecture to ElasticSearch with the use of CDK to allow for engineers to view logs in real time and query them without having to use bash utilities.
- Transformed logs to a concise structure to reduce the costs of the solution by 75%.

Microsoft   **May 2020 – Aug 2020**

Software Engineer Intern   *Redmond, WA*

- Lead development and multiple design discussions involving various teams for a highly sought after feature.
- Implemented a new history framework in the commercial marketplace that allows ISVs to view detailed events regarding any changes made within their products.
- Refactored and expanded on the existing codebase to easily allow for new types of events to be created.

Flipp   **May 2019 – Apr 2020**

Software Engineer Intern   *Toronto, ON*

- Responsible for implementing new microservices to replace the legacy system that retrieves items from retailer sites and stores it in Kafka.
- Lead front-end development and created product specifications for an internal service to allow the operations team browse and edit items with ease.

Seed   **Mar 2018 – Aug 2018**

Full Stack Engineer Intern   *Toronto, ON*

- Created product specifications and lead development for features such as organization accounts and role-based access control to meet enterprise requirements.
- Implemented a webhook feature which allows users to receive real-time information about their applications.
- Responsible for DynamoDB data migrations to reflect any changes required for new features.

PERSONAL PROJECTS

UTM Eats: Campus Food Delivery App

- Implemented the payment system using the Stripe API to allow users to pay and receive money.
- Implemented the shopping cart system so users could add items to their cart and place an order.

SKILLS

- **Languages:** Python, JavaScript, Java, C, C#, Ruby, PHP
- **Frameworks:** Node.JS, React.JS, React Native, Angular
- **Other:** SQL, DynamoDB, MongoDB, Kafka, AWS, Azure, Git, Linux, Shell Scripting, Agile