

Aashdeep Brar

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Education

University of Toronto

HBSC. IN COMPUTER SCIENCE

Sept. 2016 - Exp. Apr. 2021

- Specializing in Computer Science and Minor in Mathematics
- GPA: 3.92
- Selected Coursework: Data Structures, Algorithm Design, Systems Programming, Software Design, Operating Systems, Databases

Experience

Seed

Toronto, ON

SOFTWARE DEVELOPER INTERN

Mar. 2018 - Aug. 2018

- Seed is a SaaS company providing enterprise grade continuous delivery solutions for Serverless projects.
- Full stack development on the web application using Node.js, React.js, AWS, Serverless, Lambda and DynamoDB.
- Created product specifications and lead development for Organization Accounts and Role-Based Access Control to meet enterprise requirements.
- Lead development for a webhook feature which allows users to receive real-time information about their applications through HTTP requests.
- Responsible for DynamoDB data migrations to reflect any changes required for new features.
- Implemented end-to-end UI tests to simulate user interactions.

Functions Conference

Toronto, ON

EVENT COORDINATOR

Sept. 2018

- Functions Conference is a community focused, one day conference that focuses on the reality of serverless based solutions.
- Communicated with the conference speakers to guide them through event details and coordinated a booth to answer questions the attendees had.

Projects

Transfer - Web Application

JAVASCRIPT (NODE.JS & REACT.JS)

- Currently developing an application that allows users to send notifications and other messages from a PC to phone through SMS messaging.

System Call Interceptor

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- Terminal application that monitors processes and log messages whenever a user specified system call is made by said process.

Paint Program

JAVA

- Worked in a team of four to replicate a Paint program through the use of design patterns and object-oriented programming.

Languages & Skills

Programming Languages and Technologies: Python, JavaScript, C, Java, HTML, CSS, Node.JS, React.JS, JSON, AWS, DynamoDB, Serverless, Lambda, Git, Windows, Linux.

Other Skills: Agile, Scrum, Shell Scripting.

Awards

2016-2018 **Dean's List Scholar**, Achieve a grade point average of above 3.5 by the end of the school year.

2016-2018 **Computer Science Honour Roll**, Achieve an average of 90% in four computer science or math courses.

2016 **Entrance Scholarship**, Achieve a high school average of 90%.