

Jashan Sudan

Technical Skills

Recent

Java, JavaScript, C#,
Ruby on Rails, Bash, Git,
Jenkins, UWP

Familiar With

Python, SQL, Perl, React,
Meteor

Education

Queen's University

Sept 2013 - April 2018

Bachelor of Computing

Specialization: Computer
Science

Hackathons

NwHacks 2017

Fraser Hackathon 2017

Angel Hacks 2016

QHacks 2016

Interests

Weightlifting, Skiing,
Machine Learning, Data
Science, Rock Climbing,
and Cooking



Work Experience

Shopify - Software Developer Intern

May 2017 - Present

- Assisted in transitioning search back-end to Elasticsearch thereby reducing search runtime by up to 75% and enabling search analytics
- Architected and implemented the automation of a manual payout process, saving 30+ hours and \$40 000+ a month
- Worked with Ruby on Rails, JavaScript, SQL, HTML and CSS



Microsoft - Software Engineering Intern

January 2017 - April 2017

- Worked alongside the Information and Content Experience team to build a News App for Xbox
- Implemented telemetry and a data visualization dashboard to view key performance indicators, allowing iteration on user usage
- Built features requested by users and fixed critical bugs, helping achieve 99.42% build session stability
- Worked with C# and UWP



IBM - DB2 Software Engineering Intern

May 2016 - December 2016

- Debugged compilation (C/C++/Java/Perl), run-time, and hardware issues encountered in DB2 builds and processes resulting in improved build stability
- Lead daily scrums following agile software development principles
- Wrote and refactored scripts to automate DB2 build processes

Projects



SmartKart - Java | React | Node.js | Express.js | AWS | CockroachDB

- Robotic shopping cart that follows you around, scans barcodes with an Android app and includes a web management service
- Implemented a RESTful API, enabling cart location tracking, item scanning, and cart item management
- Won 1st place overall at NwHacks 2017, along with best IoT App and 3rd best React App



Tower Defender - C# | Unity

- Tower defence game, built using Unity
- Implemented the singleton design pattern and caching to improve game performance



FoodFind - JavaScript | Yelp API | Messenger API

- Messenger bot that recommends you nearby food places to try
- Parses user input and location to choose best nearby food spots

Contact

 github.com/jashansudan

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Extracurriculars

QHacks - Director of Hacker Experience

March 2017 - Present

- Presently leading a team to organize a successful Hackathon experience
- Responsible for organizing events and inviting mentors to ensure hacker satisfaction