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
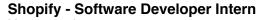Specialization: Computer
Science

Hackathons
NwHacks 2017
Fraser Hackathon 2017
Angel Hacks 2016
QHacks 2016

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

Contact
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Work Experience

Shopify - Software Developer Intern
May 2017 - August 2017
- 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

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