

# Hamza Basrai

Software Engineering Student

Motivated developer who loves to learn and take on new challenges

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## WORK EXPERIENCE

### Software Engineer (CO-OP)

Phreesia

01/2018 - 04/2018

Ottawa, ON

*A healthcare software company developing solutions to streamline and enhance patient intake management*

*Achievements/Tasks*

- Worked in a team to design, develop, and maintain a checklist tracking tool for Phreesia Client Support staff
- Implemented user management features alongside enterprise authentication with Okta Single Sign On
- Extended core Phreesia web services to improve usability for multiple development teams

### Software Developer (CO-OP)

Canada Newswire (CNW)

05/2017 - 08/2017

Ottawa, ON

*A commercial press release service responsible for developing PR management software*

*Achievements/Tasks*

- Designed, developed, and maintained an internal web application used by QA analysts and project managers across multiple teams to test CNW's new RESTful API
- Worked closely with a fellow CO-OP student to develop, deploy, and document a new API support library which is now currently in production
- Created automated build plans and application deployments with Bamboo and Ansible

## EDUCATION

### B.A.Sc Software Engineering

University of Ottawa

09/2015 - 12/2020

Ottawa, ON

## INTERESTS

Emerging Technologies

Product Design

Music

Reading

App Development

Machine Learning

## LANGUAGES & TECHNOLOGIES

Java

JavaScript

HTML/CSS

C#

Python

Kotlin

Android

Angular

Ansible

AWS

Bash

Elasticsearch

Git

Gradle

JIRA

Maven

MongoDB

.NET

Node.js

Spring

## PROJECTS

uOttHack - Co-Director (2017 - Present) [↗](#)

- Oversee and manage a team of 23 students planning Ottawa's biggest MLH Hackathon
- Responsible for developing relationships with industry professionals, professors, and alumni to help enrich the hackathon experience
- Hosted 400+ students at the University of Ottawa for uOttHack 2019

uOttHack 2019 Website (2019) [↗](#)

- Worked with a team of developers to build, deploy, and maintain the uOttHack 2019 website
- Added an admin application used to review and process over 1300 applications for uOttHack 2019
- Implemented features such as data export, authentication, search, and real-time updates

TalentBoard (2018) [↗](#)

- Designed and developed a recruitment tool for managing the applicant interview process
- Created a rich user experience based on heuristic principles to achieve a simple and informative workflow
- Currently exploring new database solutions using GraphQL

## AWARDS

TD Green Bursary (2017)

*TD Bank*

Nortel Networks Admission Scholarship (2016)

*University of Ottawa*

FIRST® Robotics Competition (FRC) World Champion (2013)

*FIRST® Robotics*

- Won first place at the FRC 2013 World Championship in St. Louis out of 400 high school robotics teams across North America