# Hamza Basrai

## Third Year Software Engineering Student

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## EDUCATION

### Software Engineering
University of Ottawa
*09/2016 – 12/2020*                                        *Ottawa, ON*

## 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*

- Worked with a team of 4 to design and develop a full stack web application in order to enhance workflows for Phreesia Client Support Specialists
- Updated core web services, used throughout several Phreesia projects, allowing for improved 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*

- 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

## EXTRA CURRICULAR

### Co-Director
uOttaHack
*2018 – Present*                                           *Ottawa, ON*
*Founding member of uOttawa's annual MLH Hackathon*

- 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

## ORGANIZATIONS

Software Engineering Student Association (2016 – Present)
*General Member*

FIRST® Robotics (2011 – Present)
*Student | Mentor*

## LANGUAGES & TECHNOLOGIES

Java   Python   C#   JavaScript   Kotlin   HTML/CSS   Android   Angular   Ansible   Bash   Firebase   Git   JIRA   Maven   MongoDB   Node.js

## PROJECTS

Ambition - Goal Tracking Application (2018)
- Currently developing a cross-platform application to easily track and manage personal goals
- Using SMART goal methodology to help create attainable goals

Quake Report - Earthquake Info Application (2017) ⧉
- An Android app used to look up information on the latest earthquakes around the world
- Makes use of the USGS web API to update data in real time

Duty Helper - Chore Management Application (2017) ⧉
- Led a team of 4 students to design and build an Android app used to manage chores around the house
- Made use of Firebase services such as Authentication and Realtime Database to handle multiple users

Dotfiles (2017) ⧉
- A GitHub repository used to quickly set up a Bash development environment on any Linux machine
- Learned about bash/shell scripting to create an automated backup and install process

## AWARDS

TD Green Bursary (2017)
*TD Bank*

Nortel Networks Admission Scholarship (2016)
*University of Ottawa*

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

## INTERESTS

App Development   Emerging Technologies   Product Design   Music   Reading