# Gobin Giritharan

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## EXPERIENCE

### ONTARIO MINISTRY OF EDUCATION | Full Stack Developer (Intern)
May 2017 – Sep 2017 (4 Months) | Toronto, ON
- Built a ministry-wide metadata repository application with **React/Redux** and **Java/GO** for the back-end
- Designed and built a context-aware search engine using **IBM Watson** (Natural Language Understanding and Discovery)
- Built a **RESTful Web Service** responsible for querying and updating a **MySQL** Database using **Springboot by SPRING**

### LEONARDO | QA Automation Analyst (INTERN)
January 2016 – August 2016 (8 Months)| Toronto, ON
- Built multiple automated test applications using frameworks such as **Appium and Selenium**, with a focus in automated web testing on mobile devices
- Worked in a fast-paced agile environment where a broad range of quality assurance tasks were performed, including **performance, black-box and regression testing**
- Gained experience with tools and frameworks such as **WebdriverJS, Jenkins, Protractor, Jasmine, TestNG**

### THE SQUIRE | Social Media Consultant
January 2014 – July 2016 | Toronto, ON
- Set-up automated posts on multiple social media platforms using **UNOapp**
- Edited website to reflect any changes and promote menu and events

## TECHNICAL SKILLS

### PROGRAMMING
Proficient:
C++ • Java • SQL • Javascript
Experienced:
GO • Swift • C Sharp• C • Bash
Tools:
Jenkins • Stash • GIT • Vagrant

### FRAMEWORKS
Web:
React.js, Redux, Ruby on Rails, jQuery
Databases:
MySQL, PostgresSQL, MongoDB
Testing:
Protractor, Jasmine, Selenium, Appium

## PROJECTS

### MATPLOTLOB OPEN SOURCE CONTRIBUTIONS | UNIVERSITY OF TORONTO
January 2018 - Present | Toronto, ON
Completed a total of 2 bug fixes and 2 feature requests for MATPLOTLIB, a **Python** plotting library. **Github: @gobingiri**

### OPEN EXOPLANET CATALOGUE UPDATER | University of Toronto
September 2016 - December 2016 | Toronto, ON
Worked alongside Professor Hanno Rein to build a version control tool for his Open Exoplanet Catalogue using **PyGithub and NodeJS**. The tool has the ability to accept/reject pull requests, as well as parse data from the NASA and EU catalogue.

### YAYORNAY | QHACKS 2016
March 2016 - Present | Kingston, ON
Lead the development YAYORNAY, an innovative application that allows users to rate anything YAY or NAY. The intended use of the application is to serve as a demographic consensus tool that provides advanced statistics. Developed using the **MEAN** stack.

## EDUCATION

### UNIVERSITY OF TORONTO | BS in Computer Science | 3.21 CGPA
Specialist in Software Engineering | Expected April 2019 | Toronto, ON
- Favourite Courses: CSCD27 (Computer/Network Security), CSCD01 (S.Engineering), CSCC09 (Web Development)
- Dean's List 2015