

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 functional, end-to-end and regression testing
- Gained experience with tools and frameworks such as **JIRA, Jenkins, Postman, EnterpriseTester and Jasmine**

UNIVERSITY OF TORONTO | TEACHING ASSISTANT

January 2015 – April 2015 | Toronto, ON

- Teaching Assistant for CSCA08 (Introduction to Computer Science I)
- Delivered course material that helped students get comfortable with procedural programming in Python and get familiar with core computer science topics like algorithms and complexity.

PROJECTS

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

Specialist in Software Engineering | Expected April 2019 | Toronto, ON

- CS Ambassador and Class Representative
- Top 10 in Computer Network/Security CTF Challenges
- Dean's List 2015

TECHNICAL SKILLS

PROGRAMMING

Proficient:

Java • Python • SQL • Javascript

Experienced:

GO • Swift • C++ • Verilog • Bash

Tools:

Jenkins • Docker • GIT • Vagrant

FRAMEWORKS

Web:

React.js, Redux, Ruby on Rails, jQuery

Databases:

MySQL, PostgreSQL, MongoDB