

# DHRON JOSHI

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## SKILLS

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**Programming:** C/C++, Java, JavaScript, Scala, Ruby, Bash

**Tools and Frameworks:** Node.js, Express, Git, MongoDB, Heroku, React.js, MySQL, Liquid

## WORK EXPERIENCE

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**Ontario Institute for Cancer Research — (OICR)**

Apr 2017 — Sept 2017

*Web Developer Intern*

*Toronto, ON*

- Developed Markdown validators in JavaScript for files being inserted into Apache Solr for indexing.
- Migrated 20 high-traffic OICR sites ([facit.ca](http://facit.ca), [cancercollaboratory.org](http://cancercollaboratory.org) etc.) to accommodate the new MERN stack and reducing deployment times.
- Worked with the team to develop and implement a live-preview API in Ruby derived from Jekyll's Liquid renderer for use across all OICR websites in the core codebase.

**University of Waterloo**

Aug 2016 — Dec 2016

*Instructional Support Assistant (TA) CS246 - Object-Oriented Software Development* *Waterloo, ON*

- Improved students' understanding of object-oriented software development by teaching and leading tutorials, resulting in class midterm average improving by 7% from previous term's administration.
- Developed new tutorial and review content to aid in students' learning throughout the term was used in future terms.

## PROJECTS AND ACTIVITIES

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**ChampRotation**

*League of Legends API Project*

- Developed a web app that displays the free champions of the week in the online game League of Legends.
- Implemented the utility with NodeJS and Express to retrieve data from the API.
- Designed and created Mongoose.js schemas to store champion information in MongoDB for later access.

**Switter — HackHarvard 2016**

*Financial Decision Web App*

- Worked in a group of four to develop a web app that performs sentiment analysis on tweets containing stock symbols. Users can search for stock symbols and see the discussion and trends of the stock.
- Implemented functional UI features using React.js, Redux, and Chart.js on the front-end based on Material Design principles.

## EDUCATION

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**University of Waterloo**

*Candidate for Honours Bachelor of Computer Science*

Sept 2015 - Apr 2020 (Expected)

- President's Scholarship (2015)

## ONLINE COURSES

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**Coursera**

*Stanford University - Machine Learning (Current)*