

DHRON JOSHI

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SKILLS

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

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

WORK EXPERIENCE

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, 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

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

University of Waterloo

Candidate for Honours Bachelor of Computer Science

Apr 2020 (Expected)

- President's Scholarship (2015)

ONLINE COURSES

Coursera

Stanford University - Machine Learning (Current)