

# JAKE CURRAN

Second year **Computer Science** student at the **University of Waterloo**

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## SUMMARY

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- Passionate about designing programs and solving problems, and have done so using multiple paradigms, languages, and tools
- Experience with C, C++, Java, JavaScript and related frameworks
- Have demonstrated strong performance under a development role in government, start-up, and business (specifically FinTech) environments

## PROFESSIONAL EXPERIENCE

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### Government of Canada

Sept. - Dec. 2017 | Ottawa, Canada

Full Stack Developer

- Developing a prototype concerning Hypermedia as the Engine of Application State (**HATEOAS**) to assess the prospects of a central server to combine HATEOAS compliant **REST** APIs
- Using **Java** and the **Spring** framework to develop various services that are specifically Hydra-compliant

### Capco

Jan. - Apr. 2017 | Toronto, Canada

Technology/Development Consultant

‘Outstanding’ evaluation

- Developed and maintained features for a backend channels REST application in Java using the Spring framework, as part of an onboarding application for a major bank
- Collaborated with other co-op students on a financial, **machine learning** proof of concept; was responsible for creating the backend services in **Node**, and a frontend application for mobile using the **Ionic** framework with **AngularJS**.
- Achieved greater understanding of business practices and objectives through immersion in **FinTech** industry, and knowledge of the **Scrum** workflow in a business setting

### SeamlessMD

May - Aug. 2016 | Toronto, Canada

Growth Data Analyst

‘Very Good’ evaluation

- Developed **JavaScript** scripts and data visualizations (including custom visualizations using **D3**) to operate on an internal REST API in JSON of patient activity data
- Developed scripts and platform improvements with the goal of providing client hospitals with actionable insights in regards to their surgery care process

### Agriculture and Agri-Food Canada

May - Aug. 2015 | Ottawa, Canada

SharePoint Analyst

‘Outstanding’ evaluation

- Used **PowerShell** and its interfaces for the **SharePoint** environment to develop complex scripts to compose or update interactive reports concerning the status of various environments
- Developed scripts that used external resources, such as a geocoder REST API, to execute actions on internal systems

## EDUCATION

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### University of Waterloo

Sept. 2014 — | Waterloo, Canada

Candidate for Bachelor of Computer Science

## TECHNICAL SKILLS

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Languages	C, C++, Java, JavaScript, Bash, PowerShell
Frameworks	Node, Ionic, Spring
Protocols & APIs	REST, JSON, XML
Tools	Git, GitHub, Make, Maven, SVN, Vim
Other	Unix/Linux, Windows, L <sup>A</sup> T <sub>E</sub> X