Jake Curran

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

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SUMMARY

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

PROFESSIONAL EXPERIENCE

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 **RESTful** APIs
- Implementing various RESTful services that are Hydra -compliant using **Java** and the **Spring** framework

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 developing the backend services in **Node** using **MongoDB**, 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

University of Waterloo *Sept. 2014 — | Waterloo, Canada*
Candidate for Bachelor of Computer Science

TECHNICAL SKILLS

Languages	Java, C/C++, JavaScript, Bash, PowerShell
Frameworks	Node, Ionic, Spring
Protocols & APIs	REST, JSON, XML
Tools	Git, GitHub, Make, Maven, SVN, Vim
Other	MongoDB, Unix/Linux, Windows, LaTeX