Owen **Adley**

SOFTWARE ENGINEER

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Education

University of Ottawa   *Ottawa, ON, CAN*

BASc in Software Engineering (CO-OP)   *Sept. 2015 - Dec. 2019*

- Software Engineering with an Entrepreneurship and Business Management option

Skills

Web	React, React-Native, D3JS, Ajax, JQuery, HTML5, SCSS, CSS3, PHP
Programming	JavaScript, NodeJS (express), Java, Java Spring, LaTeX, VBA
Environments & Tools	GCP, Firebase, Google Analytics, Digital Ocean, Git, Perforce, JIRA, REST, Apache Tomcat, Stripe, Travis CI

Internships

OpenText Corporation   *Ottawa, ON*

Software Developer   *May - Aug. 2018, 2019*

- Designed and developed interactive D3 JS visualizations for a dashboard based on client requests and modelled the NodeJS REST (express) server to supply the proper JSON objects to these visualizations.
- Developed automated unit tests using Mockito to achieve full testing coverage on all core services to ensure maintainability and robustness of code.

Global Affairs   *Ottawa, ON*

Software Quality Analyst   *Sept. 2017 - Dec. 2017*

- Automated the QA metrics generation process in VBA, quantifying employee work efforts and saving managers 4 hours on a biweekly basis.
- Created automated test suites for Oracle Siebel CRM and .NET web applications utilizing Worksoft Certify.

OpenText Corporation   *Ottawa, ON*

Software QA Specialist   *Jan. 2017 - Apr. 2017*

- Automated integration testing with Java, JUnit and Selenium which contributed to the successful delivery of the Microsoft Office integration to OpenText Content Server, used for real-time collaboration by OpenText clients.

PWGSC   *Ottawa, ON*

Web Developer   *May 2016 - Aug. 2016*

- Was part of the core team that converted Canada.ca to the Web Experience Toolkit v4.0, which defined the templates for all new Federal Government web pages.

Projects

Tasked   *Newmarket, ON*

Personal Project   *Aug. 2020 - PRESENT*

- Creating a mobile application to keep track of lists: to do lists, shopping lists, birthday lists, etc. Share them with your friends and family and assign tasks to users. I found myself creating daily to-dos in my notebook and was interested about the metrics associated with these tasks and starting looking into how I could digitize lists.
- Implementing in React-Native ES6+, NodeJS (express), MySQL.

Servus   *Ottawa, ON*

Capstone Project   *Dec. 2018 - Dec. 2019*

- Developed a mobile peer to peer marketplace application which orchestrates the selling and purchasing of residential service contracts through Stripe.
- Implemented a buyer and seller application with React-Native and NodeJS (express), backed by Firebase.

DashFlow   *Ottawa, ON*

Personal Project   *Aug. 2017 - Oct. 2017*

- Created a personal web-browser dashboard website which allows the user to track current tasks, access their favorite website's and view calendar events.
- Developed using jQuery, Ajax, PHP, MySQL (Improved Extension), HTML and CSS.