

CARTER MACLENNAN

Faculty of Computer Science Co-op Program

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CORE COMPETENCIES

- Full Stack JavaScript (MERN)
- Web Development
- Android Development
- Automated Testing
- CI/ CD
- Version Control

TECHNICAL SKILLS

LANGUAGES	FRAMEWORKS	TOOLS
<ul style="list-style-type: none">• Java• JavaScript• Python• C/ Assembly• CSS/HTML5	<ul style="list-style-type: none">• React.js• Express.js• Spring• Selenium• Bootstrap4	<ul style="list-style-type: none">• Git• Docker• RESTful APIs• Jenkins• MongoDB

PROFESSIONAL EXPERIENCE

VeroSource, Fredericton NB *September 2020 - Present* Software Developer

- Writing reusable React.js components with JavaScript & HTML5.
- Built upon existing web services using Java with Spring.
- Utilizing Shell scripts, and Docker commands for building, running, and updating projects.
- Developing responsive UI elements using CSS3, HTML5, and Bootstrap4.
- Providing clients simple content authoring using Drupal's RESTful Web Services.
- Developing in an agile environment using AWS, PSQL, Git/Gitlab, and Postman.

IBM, Fredericton NB *June - December 2019* Security Intelligence QA

- Utilized sysadmin Linux commands to perform both regression, and focused testing.
- Developed automated Selenium test cases in XML for a network security product.
- Specialized in testing systems with high availability, and hardware inside the datacenter.
- Monitored, and maintained Jenkins automation streams.
- Configured testing environments, followed patch scenarios, and setup deployments for teamwide testing.
- Refactored the onboarding process, to increase productivity, and retain team knowledge.

Irving Oil, Saint John NB *May - August 2018* IT Supply Chain Analyst

- Documented, and analyzed the consumption of resources on the Irving Oil network.
- Investigated Microsoft Access databases that should be converted to SQL databases.
- Documented, supported, and deleted Microsoft Access databases.
- Presented weekly cybersecurity related topics to IT teams at Irving Oil.
- Provided day-to-day IT support throughout the Refinery.

EDUCATION

BSc of Software Engineering:

- UNB Fredericton
- September 2017 - May 2022
- 4.0/4.3 GPA (Dean's List)

Web Development Bootcamp:

- JavaScript ES6, CSS/HTML5, MERN Stack, Bootstrap4, Restful APIs
- [Certificate](#)

DevOps CI/CD Project Course

- Git, Jenkins, Ansible, Docker, Kubernetes, AWS
- [Certificate](#)

PROJECTS

My Personal Website:

- A responsive portfolio site.
- React.js, JavaScript, HTML/CSS
- [GitHub](#), [Website](#)

Lil Consistent Me:

- A Tamagotchi inspired consistency tracker for Android.
- Java, XML, Android.apk
- [GitHub](#), [PlayStore](#)

Notes Web Application:

- A MERN application developed in tandem with my research on the evolution of JavaScript.
- MERN stack, Mongoose, Bootstrap
- [GitHub](#)

Campus Gym Data Analytics:

- Enables users to predict how crowded a campus gym will be.
- Python, HTML, Juniper
- [GitHub](#)

PokeGUI:

- A MERN web application deployed to Heroku, currently in development.
- MERN Stack, REST API, Heroku
- [GitHub](#), [Heroku](#)

RunSmart:

- An Android GPS tracker for outdoor fitness, developed in a group of three.
- Java, XML, Android.apk
- [GitHub](#), [PlayStore](#)