

CARTER MACLENNAN

Faculty of Computer Science Co-op Program

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CORE COMPETENCIES

- Object Oriented Programming
- Web Development
- Version Control
- Agile Methodologies
- Automated Testing
- Regression Testing
- MERN Software Stack
- Android Development

TECHNICAL SKILLS

LANGUAGES	FRAMEWORKS	OTHER
<ul style="list-style-type: none">• JavaScript• Java• Python• CSS/HTML5	<ul style="list-style-type: none">• React.js• Selenium• Bootstrap• Express.js	<ul style="list-style-type: none">• Git• Jenkins• Linux• MongoDB

PROFESSIONAL EXPERIENCE

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

- Writing reusable React.js components with JSX (Javascript & HTML5).
- Developing responsive UI elements using CSS3, HTML5, and Bootstrap4.
- Working with Drupal APIs to provide clients simple content authoring.
- Developing in an agile environment using VSCode, postman, Gitlab, & Git.

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

- Maintained Jenkins automated test streams.
- Developed automated Selenium test cases in XML.
- Performed regression testing on VMs, and hardware inside the datacenter.
- Developed manual test cases for both regression, and focused testing.

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

- Documented, deleted, and assisted over 5,000 Microsoft Access databases on the Irving Oil network.
- Supported Refinery IT personnel on a wide range of day to day IT activities.
- Presented weekly technology related safety topics.

PROJECTS

Notes Web Application:

- A note taking app developed using the MERN software stack.
- [GitHub](#)

My Personal Website:

- A simple responsive portfolio site developed with React.
- [GitHub](#)

Lil Consistent Me:

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

Campus Gym Data Analytics:

- A web application that allows the user to predict how crowded a campus gym will be.
- [GitHub](#)

RunSmart:

- A privacy-respecting GPS tracker for outdoor fitness, developed in a group of three.
- [GitHub](#), [PlayStore](#)

EDUCATION

BSc of Software Engineering:

- UNB Fredericton
- September 2017 - May 2022
- 3.9/4.3 Cumulative GPA (Dean's List)

ACADEMIC AWARDS

- Dean's List: 2020 - 2018
- MacFarlane-Reid Scholarship: 2020
- Edwin Jacob Special University Scholarship: 2020 - 2018
- Irving Oil Scholarship: 2020 - 2017
- UNBSJ Saint John Campus Scholarships: 2017