# 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
- JavaScript
- Java
- Python
- CSS/HTML5
- C

### FRAMEWORKS
- React.js
- Selenium
- Bootstrap
- Express.js

### OTHER
- Git
- Jenkins
- Linux
- MongoDB
- Chrome DevTools

## 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*