

# Danny McCardle

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## EDUCATION

### Bachelor of Science in Software Engineering (Class of 2021)

University of New Brunswick - Fredericton, NB, Canada

- Cumulative **GPA: 4.1/4.3**
- Diploma in Technology Management & Entrepreneurship

## SKILLS

**Programming Languages:** (Proficient) Python JavaScript Java C HTML CSS SQL JSON  
(Familiar) PHP XML YAML VHDL

**Technologies:** Git React.js Vue.js Bootstrap jQuery Knockout.js MySQL PostgreSQL pgAdmin4  
Spring Boot Struts Framework Play Framework Flask Framework Docker Gitlab CI/CD Ansible

## PROFESSIONAL EXPERIENCE

### DevOps Developer Intern

IBM Canada - Fredericton, NB, Canada. May 2020 – August 2020

- Improved Gitlab CI/CD Pipelines by adding jobs for SonarQube code-quality report generation
- Refactored ansible playbooks to install artifacts on customer deployments from a remote repository

### Software Developer Intern

SpryPoint - Charlottetown, PE, Canada. May 2019 – August 2019

- Designed and developed a file parser for industry-standard payment files in Java
- Refactored code modules for auto-generating billing periods when setting up revenue months

### Software Developer Intern

Populus Global Solutions - Fredericton, NB, Canada. January 2018 – April 2018, July 2018 – August 2018

- Communicated with management and team members to create developer training modules
- Contributed to development of an enterprise-level Java Struts application in an Agile environment

### Developer Intern

JNC Tech - Charlottetown, PE, Canada. May 2017 – August 2017

- Independently designed and developed a web application to be used by 1400 users
- Integrated an XML parsing library in PHP to format map data for ATV Trails

## PROJECTS

### Product Owner & Developer

Matchup: Tournament Match Caller. October 2019 - Present

- Developed project back-end REST API using Python, Flask, and PostgreSQL
- Implemented automated test suite in Python using Flask-Testing

### Back-end Technical Lead

Scheduling Application: SVN. September 2019 – December 2019

- Developed project back-end REST API using Java, Spring Boot, and MySQL
- Coordinated a team of 11 developers by assigning tasks, providing guidance on issues, and training junior developers on new technologies

## OTHER EXPERIENCE

### Tournament Organizer

Super Smash Bros. PEI - Charlottetown, PE, Canada. May 2017 - Present

- Organized a 125 attendee Atlantic Canada regional video game tournament (Waveland 3)
- Hosted 36+ weekly video game tournaments

### Vice President

Neill House Committee - Fredericton, NB, Canada. March 2017 – March 2018

- Lead a committee of 11 students to plan events for our campus residence (100+ residents)
- Supervised 30+ weekly meetings throughout the school year

## AWARDS

1<sup>st</sup> Place: Atlantic Canadian Engineering Competition 2020 & 2021 (Programming Category)  
Natural Sciences and Engineering Research Council of Canada: Student Experience Award  
University of New Brunswick Computer Science & Engineering Dean's List 2018 – 2020  
University of New Brunswick Third Century Fund Scholarship (based on academic achievement)  
Harry Hindmarsh Memorial Scholarship (based on academic achievement)  
Edwin Jacob Special University Scholarship (based on academic achievement)  
Steadman Bucknell Henderson Memorial Scholarship (based on academic achievement)