

# Danny McCardle

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## EDUCATION

**University of New Brunswick**, Fredericton, NB, Canada

*Class of 2021*

- Bachelor of Science in Software Engineering - Cumulative **GPA: 4.1/4.3**
- Diploma in Technology Management & Entrepreneurship

## SKILLS

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

**Technologies:** Git, MySQL, PostgreSQL, pgAdmin4, jQuery, Vue.js, Bootstrap, Spring Boot, Struts Framework, Play Framework, Flask Framework, Postman, Atlassian Tools

## PROFESSIONAL EXPERIENCE

**SpryPoint**, Charlottetown, PE, Canada

*Software Developer Intern, May 2019 – August 2019*

- Designed and implemented payment file-parser for industry payment formats using Java
- Refactored code modules for auto-generating billing periods when setting up revenue months

**Populus Global Solutions**, Fredericton, NB, Canada

*Software Developer Intern, January 2018 – April 2018, July 2018 – August 2018*

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

**UNB Faculty of Computer Science**, Fredericton, NB, Canada

*Undergraduate Teaching Assistant: Intro to Programming II (Java), May 2018 – July 2018*

- Provided feedback to 15 students on 95+ weekly coding assignments
- Met with students during labs to provide guidance (two hours/week)

**JNC Tech**, Charlottetown, PE, Canada

*Software Developer Intern, May 2017 – August 2017*

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

## PROJECTS

**Matchup: Tournament Match Caller**

*Product Owner + Developer, October 2019 - Present*

- Developed project back-end REST API using Python, Flask, and PostgreSQL
- Developed project front-end components using Vue.js
- Designed prioritization algorithm to determine order of tournament matches to be played

**Scheduling Application: SVN**

*Back-end Technical Lead, September 2019 – December 2019*

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

## OTHER EXPERIENCE

**Super Smash Bros. PEI**, Charlottetown, PE, Canada

*Tournament Organizer, May 2017 - Present*

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

**Neill House Committee**, Fredericton, NB, Canada

*Vice President, March 2017 – March 2018*

- Developed leadership skills by leading 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: UNB Atlantic Engineering Competition Qualifier

Natural Sciences and Engineering Research Council: Student Experience Award

UNB Computer Science + Engineering Dean's List 2018 – 2019

UNB Third Century Fund Scholarship (based on academic achievement)

Harry Hindmarsh Memorial Scholarship (based on academic achievement)