

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

1st Place: Atlantic Engineering Competition 2020 (Programming Category)
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)