

# Kent Richards

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## Education

Bachelor's of Computer Science, Co-op Designation  
Dalhousie University, Halifax, Nova Scotia  
Sexton Scholar (Fall 2018, Winter 2019); GPA: 3.71

2018 — 2023

## Work Experience

**Engineering Student**, MDA Systems Ltd.

April — August 2021

- Optimized the search functionality of a Spring Boot application, improving performance by 900% under typical conditions.
- Improved UI consistency through the refactoring of dozens of front-end windows and components.

**Junior Programmer**, Public Service Commission of Canada

January — August 2020

- Re-implemented core interface components based on user feedback using React and Redux.
- Created a comprehensive suite of automated integration tests using Python and Selenium.

## Technical Skills

- Experience using **Git**, **GitHub**, **AI-assisted programming**, **VS Code**, and the **IntelliJ platform**.
- Strong knowledge of **JavaScript**, **TypeScript**, **HTML**, **CSS**, **Java**, and **Node.js**.
- Additional experience with **C**, **Python**, **React**, **Next.js**, **TailwindCSS**, **Docker**, **PostgreSQL**, and **MongoDB**.

## Extracurricular Activities & Volunteer Experience

**Warehouse Volunteer**, Feed Nova Scotia

Ongoing

- Building pallets of frozen food to be sent to member agencies.
- Diligently inspecting, sorting, and labelling donated food items.

**BattleSnake Tournament**, ShiftKey Labs/BattleSnake Campus Tours

January 2023

- Alongside two friends, created an automated web server to play competitive BattleSnake.
- Placed second out of fourteen teams in the BattleSnake tournament at Dalhousie University.

**Writer**, The Dalhousie Mackerel

January — April 2023

- Wrote and brainstormed numerous headlines and articles for *The Mackerel*, a student-run satirical newspaper at Dalhousie University.