

Kent Richards

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Co-op Status

Available for a third co-op work term in May 2021

Will have completed 6 of 8 academic terms by April 2021

Education

Bachelor of Computer Science

2018 – 2022

Dalhousie University, Halifax, NS

Sexton Scholar (Fall 2018, Winter 2019); Cumulative GPA: 3.99

Skills

Technical

- Experience using **Git**, **GitHub**, **Linux**, and **Jira**
- Strong knowledge of **Java**, **JavaScript** (incl. React), **HTML**, and **CSS** (incl. Tailwind)
- Additional experience with **Python** (incl. Django), **Selenium**, **PHP**, **SQL**, and **C**

Non-Technical

- Strong **interpersonal** skills gained from working in a customer-facing position
- **Organizational** and **time management** skills demonstrated through a leadership position at Middleton Regional High School's Environment Club
- Robust **problem-solving** skills built up through years of mathematics and computer science education and from work experience at the Public Service Commission

Work Experience

Junior Programmer, Public Service Commission of Canada

01/2020 – 08/2020

- Assisted in the creation of a comprehensive suite of automated tests for a modern web application, using Python and Selenium
- Given a design document, refactored a core user interface component using React and Redux, with the changes being incorporated into the application

Customer Service, Home Hardware, Middleton, NS

03/2017 – 01/2019

- Utilized extensive knowledge of in-store products to ensure customers were able to quickly find what they needed
- Assisted in the organization of a charity bake sale in association with a local school that raised hundreds of dollars for the Relay for Life charity

Academic Projects

Robot Olympics, Dalhousie University

09/2018 – 11/2018

Experimental Robotics Course Project

- Developed a program for an ASEBA Thymio II robot with the goal of navigating a course laden with obstacles in the fastest time possible
- When presented our robot posted the fastest time in the class of 14 teams
- Wrote a four-page technical report detailing our group's design process, challenges, successes, and overall strategy

Individual Projects

weather-app, React Application (work-in-progress)

12/2020 – Present

- Single-page application built using Tailwind and Gatsby
- Utilizes Mapbox's forward geolocation API to enable users to search for locations
- Pulls data from OpenWeather to display weather data for the chosen location

Tasks, Full Stack Application (work-in-progress)

07/2020 – 09/2020

- To do list application with a React client, Express API, and MongoDB database
- Includes account creation and login functionality, the ability to create, edit, move, and delete tasks, and a fully responsive design

Volunteer Experience

Councilor, Environment Club, Middleton, NS

09/2016 – 06/2017

- Organized and led a team on numerous beach and parks clean-ups
- Contacted and arranged for an environmentalist to come and speak before the student body about climate change and pollution