

# Jeremy Thompson

Charlottetown - PE

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Canadian computer science graduate seeking to broaden my software development work experience by helping produce high quality and maintainable code.

## Education

### Bachelor of Science - University of Prince Edward Island

2015 - 2020

Computer Science Major, Math Minor, Co-Operative Education Distinction, 4.3 GPA

## Relevant Work Experience

### Mobile Development Intern - Clemson University

Jan - May 2020

Rewrote an existing legacy website with Gatsby to allow easier and faster modification of site content. Wrote front end web code for Clemson's redesigned myClemson application. Followed accessibility best practices when iterating on design prototypes and implementing them in React.

### Web Developer - Creative PEI

June - Aug 2019

Compiled documentation for less technical staff members on how to manage their existing WordPress site. Migrated their existing WordPress installation from a single site install to a multi-site install, saving unnecessary yearly hosting fees. Designed a prototype database and online profile for self-identified "creatives" to improve their under-representation by Stats Canada.

### Product Management Intern - Bosch Sensortec GmbH.

Feb - Aug 2018

Collaborated with a seven person team to demonstrate a new use case for a mobile phone sensor by porting an existing algorithm onto an Android device. Managed my work and code in a professional environment, collected and stored sensitive data according to company standards, and documented changes to code. Researched several existing visual inertial fusion algorithms in order to help develop an implementation that used the best aspects from each standalone solution. Analyzed and compiled documentation about each of the algorithms and presented them to my supervisor.

### Research Assistant - University of Prince Edward Island

May - Aug 2017

Researched recurrent neural networks and their ability to learn complex repetitive movements in order to develop a prototype system for physiotherapy and/or athletic training. Worked independently to research academic papers on recurrent neural networks, and studied existing implementations to find one that would suit our needs. Compiled and presented my findings several times a week to my supervisor. Presented results and preliminary findings at a student conference at the end of the summer.

## Skills & Qualifications

### Web Development

### Miscellaneous

HTML5

CSS3

JS

React

PHP

SQL

Gatsby

NodeJS

Git

Java

Python

## Notable Scholarships and Awards

### Killam Fellow from UPEI to Clemson

Aug 2019

The Killam Fellowship Program allows undergraduate students from Canada and the United States to participate in a program of binational residential exchange. This program, administered by Fulbright Canada, is supported by an endowment from the American Killam Trusts, Global Affairs Canada, and the Foundation for Educational Exchange between Canada and the United States of America (Fulbright Canada). (\$5000 USD)

### Maximus Canada - Deltaware Division Scholarship

Sep 2017

Awarded to a student entering third year of the Computer Science Program who demonstrates innovative thinking, outstanding leadership, and a high achievement in software design and development. (\$1000 CAD)