

# Justin Lee

Software Engineer

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## Education

### University of New Brunswick

Bachelor of Science in Software Engineering

Graduated May 2019 | Fredericton, NB

#### Awards:

- William and Lois Paine Founder's Scholarship
- Eldon and Maxine Clair Scholarship in Computer Science
- Uday Gujar Scholarship for Excellence in Computer Science
- Maecenas Undergraduate Scholarship

## Work Experience

### Developer @ University of Fredericton

Feb 2019 - April 2020 | Fredericton, NB

- Developed web-based MBA courses using HTML templates
- Maintained Uoff's Learning Management System (Moodle)
- Created media assets (images, videos, audios) used in the coursewares
- Built an automation tool that generates courseware templates

### Frontend Developer @ Lendgenuity

Nov 2019 - March 2020 | Fredericton, NB

- Responsible for creating reusable components used in Vue.js mortgage web application
- Responsible for connecting RESTful API into frontend app
- Assisted in wireframing the frontend web application using Justinmind

### Junior Developer (Co-op) @ Natural Resources Canada

Sep 2015 - Dec 2015 | Fredericton, NB

- Created Windows tablet application to digitally conduct safety inspections of the department's building
- Maintained and fixed bugs of an Apache cordova mobile application

## Skills

### Programming Languages:

Python, Java, Javascript(ES6), HTML, CSS/Sass

### Libraries & Frameworks:

React.js, Vue.js, Django, Node.js, Express.js, jQuery, Pygame

### Tools & Platforms:

Git, Webpack, Heroku, Shoptify, Wordpress, MLab

## Technical Projects

### Sorting Visualizer

- Built React.js application for visualizing sorting algorithms such as Bubblesort and Mergesort

### Bubble Split

- Built a bubble splitting retro game in Python using Pygame

### Portfolio Website

- Built a React.js portfolio website to showcase my software development timeline

### Docky

- Built an automation tool in Vue.js that speeds up the courseware development at University of Fredericton

## Volunteers / Activities

### React.js Workshop @ UNB Dev Society

Winter 2019 | Fredericton, NB

- Volunteered to create and present a workshop with the UNB Dev Society. This workshop focused on how to create a simple Jeopardy style game (React.js) in a web browser

### Atlantic Engineering Competition @ UNB

Winter 2019 | Fredericton, NB

- Placed 3rd out of 10 teams in the Innovative Design Competition. I was part of a team that developed a solution to maximize the water distribution to a farm using one water channel

### Teaching Assistant @ Multicultural

Association of Fredericton

Summer 2015 - Summer 2017 | Fredericton, NB

- Assisted in teaching kids how to speak Korean and prepping studying materials

## Interests

Traveling, hiking, playing instruments, dropshipping