

# ANDREW GREENAN

## Education

### Computing (B.Comp.) & Commerce (B.Com.)

Queen's University

May 2021 Graduate

Kingston, ON

- Dean's List Standing – Overall GPA: **3.91/4.30** – Computing GPA: **4.19/4.30**
- D&R Sobey Major Admission Award – **\$80,000** | The Edward and Nancy Nash Scholarship (2019) – **\$4,600**

## Professional Experience

### Junior Developer

DocuPet (Municipality pet registration web platform)

Currently

Kingston, ON

- Expanding a GraphQL API utilized by DocuPet's user-facing Vue.js application and future internal/partner-facing microservices.
- Developing a Vue.js microservice for CSV data uploading that will **save hundreds of data processing hours per month**.
- Leveraging Python, MySQL, and Bash scripting to tackle complex data imports and maintain/analyze a MySQL database.

### Technology Developer

MRSB Group (Professional services firm)

Summer 2019

Charlottetown, PE

- Established a VBA, SQL, and Access client database that **saves admin hours** and **eliminates paper records**.
- Developed a VBA and batch script system for inserting common text, reducing a RFP document's procurement time by **3 hours**.

## Extracurricular Experience

### Software Engineer

Oil Thigh Designs (Student-run clothing company – all proceeds go to charity)

Currently

[custom.oilthighdesigns.ca](http://custom.oilthighdesigns.ca)

- Constructed a Node.js, Airtable, and EJS templated full-stack application deployed on a DigitalOcean Linux Server. The app allows customers to place custom clothing requests through an online interface, **decreasing the average sale cycle by one hour** and **increasing total sales revenue by \$2,500**.

## Projects

### Open Hockey

[github.com/greenan8/open-hockey](https://github.com/greenan8/open-hockey)

- Leveraging the NHL's open API data to develop a MEVN stack (MongoDB, Express.js, Vue.js, and Node.js) platform that displays historical and real time hockey statistics.

### Portfolio & Online Coursework

[andrewgreenan.com](http://andrewgreenan.com)

- Built a portfolio webpage using HTML, CSS, UIKit, and GitHub Pages.
- Studied the fundamentals of full-stack web development from Udemy's Web Bootcamp, Eloquent JavaScript taught me advanced JavaScript concepts, and currently focusing on algorithms, data structures, GraphQL, and Vue.js.

## Skills

- **Technical Tools:** HTML, CSS, JavaScript, Node.js, Vue.js, jQuery, Python, Java, MySQL, MongoDB, GraphQL, Linux, Git
- **Technical Concepts:** algorithms, data structures, object-oriented design, logic, discrete math, computer architecture
- **Professional Skills:** teamwork, leadership, ethical decision making, client management, accounting, marketing, finance