

## Education

### York University, Lassonde School of Engineering

BSc in Computer Science, Year 3. **GPA: A**

Coursework: OOP, Algorithms, Data Structures, Software Design, Operating Systems, Databases

**Expected  
Grad. April 2023**

### University of Toronto St. George

BSc in Computer Science, Year 1. Coursework: Python programming, Linear Algebra

**Sept 2018 – April 2019**

### Western University

Double Major BSc in Biology and Medical Sciences

**Graduated June 2017**

## Work Experience

### Junior Front End Developer (Co-op)

**TAKU**

**Sept 2021 – Apr 2022**

TAKU is the all-in-one retail management and POS software solution

- Designed, developed, and delivered the UI of TAKU's SaaS application
- Performing maintenance on the front-end of the application using *agile development practices*
- Participate in code reviews to ensure code quality and code standards
- *HTML, SCSS, Angular + TypeScript, VSCode, Sourcetree, Jira*

### Smart Systems Intern

**Cortelluci Vaughan Hospital**

**Jan – Aug 2021**

- Helped with RTLS integration of beds and badges of healthcare workers
- Provided technical support for *Vocera* mobile app on nurses' smartphones
- Performed diagnostics and validation on patient iPad devices for proper data display and transfer

## Project Experience

### DsUberEats – NestJS, TypeScript, React, GraphQL, PostgreSQL

**August 2021**

- Clone-coding UberEats project (web application only)
- Focus was to learn TypeScript with React on the frontend and learn GraphQL with NestJS on the backend
- GraphQL and dependency injection practices in NestJS has been the highlight so far

### DsBnB – Django, Gulp, SCSS, TailwindCSS, PostgreSQL, AWS EB

**May 2021**

- Clone-coding Airbnb project
- Incorporated the Django MTV model, proper routing, user and room editing, photo uploading, OAuth (local, GitHub, and Kakao authentication), RESTful APIs
- Styled the front-end with Gulp, Sass, and TailwindCSS

### WeTube – NodeJS, ExpressJS, MongoDB, PugJS, SCSS, Heroku

**May 2020**

- Clone-coding YouTube project
- Incorporated the MVC model, proper routing, video uploading, OAuth (local, as well as Facebook and GitHub authentication), and RESTful APIs
- Used AWS S3 for cloud storage of media files, and deployed app through Heroku

## Co-Curricular Activities

### Entrepreneurship and Intense Programming Camp

**Daejeon, South Korea**

Korea Advanced Institute of Science and Technology (KAIST)

**June – July 2019**

- Developed a prototype mobile app aimed to help KAIST students bookmark any 'favourite' post from one of their school forums. Includes shortcuts to various websites used among KAIST students, such as course planner, academic calendar, etc
- Developed and designed the backend REST API using *expressJS* and *sequelize*. Utilized JWT for log-in authentication and AWS for running necessary server

## Languages & other tools

**Proficient:** TypeScript/JavaScript • HTML • CSS/SCSS • Angular

**Familiar:** Python • Java • C • PostgreSQL • MongoDB • NodeJS • Git • VSCode • TailwindCSS • npm

**Prior Experience:** React • Django • GraphQL • NestJS • Heroku • AWS • Webpack • Gulp