

APPLICABLE SKILLS

Languages – Java, JavaScript, HTML5, CSS3, SQL, Python, MATLAB

Frameworks – ReactJS, JQuery, Bootstrap, NodeJS

Project Management – SDLC, Agile/Scrum, Trello, GitHub

TECHNICAL PROJECTS

Pickr Web Application – Voted ‘Most Useful’ in Project Course *Apr. 2019 – May 2019*

- Completed an application that provides users with details for new activities to do in their area.
- Used Agile methods to create a good UX/UI and to continuously develop features of MVP.
- **Tech Stack: ReactJS, JavaScript, Firebase**

Prime Number Finder *Mar. 2019 – Apr. 2019*

- Reduced the time complexity from $O(n^2)$ to $O(n \log n)$ by using the Sieve of Eratosthenes algorithm.
- **Tech Stack: Java**

McDonalds Website *Mar. 2019 – Apr. 2019*

- Reverse engineered the current McDonalds website to recreate the responsive and sleek front-end design.
- Updated the web application with nutritional data using JSON structures and GET and POST requests.
- **Tech Stack: AJAX, HTML5, Bootstrap, CSS3, NodeJS**

Wind Speed Analysis *Sep. 2016 – Oct. 2016*

- Preprocessed 1 year of wind speed data to filter out anomalies for a time series graph.
- Analyzed the coherence and stationarity to predict the possible annual energy production.
- **Tech Stack: MATLAB, Python**

EMPLOYMENT EXPERIENCE

Lead Instructor | ByteCamp *Jun. 2019 – Aug. 2019*

- Debugged and resolved game mechanics issues in GDScript, a hybrid of **Python** and **JavaScript**.

SAT Math & AP Physics Instructor | Elite Educational Institute *Sep. 2015 – Aug. 2016*

- Raised students' SAT math scores by an average of 50 points over the course of 4 weeks.

Field Engineer Co-op, Base Plant Projects | Syncrude Canada Ltd. *Sep. 2012 – Apr. 2013*

- Collaborated with a cross-functional team to meet critical objectives and deadlines of major capital projects.

ADDITIONAL EXPERIENCE

Participant | AngelHack Seattle *Jul. 2019*

- Developed an Android application that assists emergency responders in tracking victims in natural disasters.

VP Sponsorship | Ontario Engineering Competitions 2012 *Nov. 2010 – Feb. 2012*

- Secured over \$120,000 in sponsorship from over 30 companies and organizations.

EDUCATION

Computer Systems Technology Diploma (CGPA 89%) | BCIT *Jan. 2019 – Present*

European Wind Energy Master | DTU & TU Delft *Aug. 2016 – Jan. 2018*

Bachelor of Applied Science Degree | University of Toronto *Sep. 2009 – Apr. 2014*