

# Jayant Mehta

University of Waterloo | Systems Design Engineering  
Schulich Leader Scholarship Award | SHAD Fellow

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## SKILLS

**Development** Java, C++, JavaScript, Vue.js, Python, HTML/CSS, Git, Arduino, SQL, MATLAB

**Tools** REST APIs, Vue Router, Node.js, Progressive Webpack, UI /UX Development, Solidworks

## RELEVANT EXPERIENCE

**Web Developer | Design Net Specific**  Jul 2019 – Aug 2019

- Developed a website using JavaScript (Vue.js), HTML, and CSS to adhere to responsive design
- Increased public presence by emphasizing a user-friendly interface

**Computer and Software Intern | Carte Wealth Management Inc.** Jun 2017 – Jul 2017

- Designed a mobile app for over 100 financial advisors at Carte's Annual Conference
- Analyzed trends to conduct a SWOT analysis and brainstormed ideas with the team


**Judging Panel Coordinator | Hack the North** Sep 2019

- Coordinated hackathon judging event and delivered communication from organizers

**Conference Coordinator | Professional Engineers of Ontario** Mar 2016 – Mar 2019

- Directed STEM team to plan a design challenge for the National Engineering Month conference

## PROJECTS

**Air Quality Analyzer Webapp | JavaScript, Vue.js, HTML, CSS**  Jun 2019 – Sep 2019

- Developed a Vue.js analyzer that manipulates API data to compare and compute air qualities
- Optimized performance by implementing Vue router, Node.js, third party libraries, and components

**Angular Motion Mathematical Game | Java**  Dec 2018 – Jun 2019

- Developed a game in Java using object-oriented programming, data structures, and algorithms

**Artificial Intelligence Mobile App for Workouts** Feb 2019 – Present

- Wireframed a machine learning app to study patterns and suggest optimized workouts
- National Finalist in Medical Innovation by HOSA Canada

**Biometrics Bicycle Lock | Arduino**  Aug 2017 – Feb 2018

- Programmed a microcontroller (Arduino), fingerprint sensor, and alarm to build a secure design
- Provincial Finalist in Innovation by DECA Ontario

## ACHIEVEMENTS

**Schulich Leader National Scholarship | University of Toronto Engineering Science**  Apr 2019

- 25 \$100,000 Engineering scholarships are awarded annually across top Canadian universities
- Excelled academically with a 99.66% average, demonstrated innovative thinking, and passion for STEM

**SHAD Fellow**  Jul 2018 – Present

- Designed an app to efficiently deliver human essentials during natural disasters

## EDUCATION

**University of Waterloo | Systems Design Engineering** Sep 2019 – Apr 2024  
President's Scholarship of Distinction | Advanced Placement Calculus AB Score: 5

**Bishop Reding Catholic Secondary School | Advanced Placement Student** Sep 2015 – Jun 2019  
Information Communications Technology Specialist High Skills Major program