



# Jayant Mehta

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

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/JayantMehta1 

JayantMehtaWebsite 

## SKILLS

**Development** Java, C++, JavaScript (Vue.js), Python, HTML/CSS, Arduino IDE, SQL

**Tools** Computer-aided Design (SolidWorks), Photoshop, Visual Design (UI Development)

## ACHIVEMENTS

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

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

**SHAD Fellow** Jul. 2018 – Present

- Canada's premier summer enrichment program for high-potential students focused on STEAM
- Prototyped an app to efficiently deliver human essentials during natural disasters

## EXPERIENCE

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

- Developed a website using JavaScript (Vue.js), HTML, and CSS to be compatible with media queries
- Emphasized a user-friendly platform with objects, arrays, functions, components, and props

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

- Designed a smartphone app for Carte's Annual Conference consisting of over 100 financial advisors
- Interviewed colleagues to compose and edit a staff video presented at the annual conference

**Administrative Assistant | Carte Wealth Management Inc.** Aug. 2017 – Mar. 2018

- Conferenced with Financial Advisors to revamp their websites and develop professional biographies
- Analyzed trends to conduct a SWOT analysis and brainstorm ideas for accelerated growth

**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

**Artificial Intelligence Mobile App for Workouts** Sep. 2018 – Mar. 2019

- Uses machine learning to study workout patterns, collect data, and suggest optimized workout routines
- National Finalist in Medical Innovation by HOSA Canada

**Biometrics Bicycle Lock** Aug. 2017 – Feb. 2018

- Uses a microcontroller (Arduino), fingerprint sensor, integrated alarm, and mobile application
- Provincial Finalist in Innovation by DECA Ontario

## EDUCATION

**University of Waterloo | Systems Design Engineering** Sep. 2019 – Apr. 2019

President's Scholarship of Distinction

**Bishop Reding Catholic Secondary School | Advanced Placement Student** Sep. 2015 – Jun. 2019

Information Communications Technology Specialist High Skills Major program

99.66% Average | 2<sup>nd</sup> Highest Average Award | Advanced Placement Calculus AB Score: 5