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 IDE, SQL

Tools   SolidWorks, API's, Routing, Node Modules, Webpack, UI Development

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

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 Carte's Annual Conference for over 100 financial advisors
- Analyzed trends to conduct a SWOT analysis and brainstorm 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

Artificial Intelligence Mobile App for Workouts   Feb. 2019 – Present
- Prototyped a machine learning app to study patterns and suggest optimized workouts
- National Finalist in Medical Innovation by HOSA Canada

Air Quality Analyzer Webapp | JavaScript (Vue.js), HTML, CSS   Jun. 2019 – Sep. 2019
- Developed a Vue.js analyzer that uses an API to compare and compute air qualities
- Implemented node modules, routing, forms, methods, and components

Biometrics Bicycle Lock | Arduino IDE   Aug. 2017 – Feb. 2018
- Programmed a microcontroller (Arduino), fingerprint sensor, integrated alarm, and mobile app
- Provincial Finalist in Innovation by DECA Ontario

Mathematical Game | Java   Dec. 2018 – Jun. 2019
- Developed a Java application using object-oriented programming, data structures, and algorithms

EDUCATION

Systems Design Engineering | University of Waterloo   Sep. 2019 – Apr. 2024
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 | 2nd Highest Average Award | Advanced Placement Calculus AB Score: 5