Jayant Mehta

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

SKILLS

Development	C++, Java, Python, JavaScript, Node.js, Vue.js, Arduino, SQL, HTML, CSS
Tools	Git, Jira, RESTful APIs, Agile (Scrum), Visual Studio, SDLC, Android Studio
About Me	Excellent Communication, Effective Team player, Analytical Thinker, Quick Learner

EXPERIENCE

IT Developer | Canada Revenue Agency Headquarters (Ottawa, ON)   Jan 2020 – Present
- Developed case features in Java released to over 40, 000 nation-wide employees via Scrum/Agile
- Implemented algorithmic sorting in 500+ database case tree nodes with layers of inheritance
- Investigated 4 levels of security that challenge unauthorized access to cases and solved Jira tickets

Web Developer | Design Net Specific (Mississauga, ON)   Jul 2019 – Aug 2019
- Developed a website using JavaScript (Vue.js), HTML/DOM, and CSS to adhere to responsive design
- Accelerated development process by 50% through efficient use of software design and data structures

Computer Software Intern | Carte Wealth Management Inc. (Mississauga, ON)   Jun 2017 – Jul 2017
- Designed a mobile app using BuildFire 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 (Waterloo, ON)   Sep 2019
- Coordinated a 1500+ member hackathon judging event and delivered communication from organizers

Conference Coordinator | Professional Engineers of Ontario (Oakville, ON)   Mar 2016 – Mar 2019
- Led 30 STEM instructors to plan a vehicle design challenge for National Engineering Month

PROJECTS

Google Cloud API Image Recognition App | Python   Jan 2020 – Present
- Developed an app for ALS patients that processes images to communicate with medical professionals

Air Quality Analyzer Webapp | JavaScript, Vue.js, HTML, CSS ⬤   Jun 2019 – Sep 2019
- Built a Vue.js analyzer that manipulates live RESTful API data to compare and compute air qualities
- Optimized performance by implementing Vue router, Node.js, Bootstrap, 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 Workouts App | National Finalist (Medical Innovation, HOSA Canada)   Feb 2019
- Wireframed a machine learning app to study patterns and suggest optimized workouts

Biometrics Bicycle Lock | Provincial Finalist (Innovation, DECA Ontario) ⬤   Aug 2017 – Feb 2018
- Programmed a microcontroller (Arduino), fingerprint sensor, and alarm to build a secure design

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

EDUCATION

University of Waterloo | Systems Design Engineering   Sep 2019 – Apr 2024
Ranked in Top 25% of the class | President's Scholarship of Distinction | Engineering Design Methodology