

Jayant Mehta

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

 jayantmehta.ca
 github.com/JayantMehta1
 in/jayant-mehta
 j7mehta@edu.uwaterloo.ca
 (647) 518-5819

SKILLS

Development: C++, Java, Python, JavaScript, React.js, Node.js, Vue.js, Arduino, SQL, HTML, CSS, JSON
Tools: Git, Jira, RESTful APIs, Agile/Scrum, Google Cloud, Microsoft Azure, Visual Studio, Linux, Ruby on Rails
About Me: Analytical Thinker, Excellent Communicator, Quick Learner, Team player, Adaptable

EXPERIENCE

IT Full Stack Developer | Canada Revenue Agency Headquarters Ottawa, ON | Jan 2020 – Present

- Developed case features in Java released to **over 15,000** nation-wide active users via Scrum/Agile
- Implemented algorithmic sorting in 20+ tree node types and used **Git** for version control with analysts
- Investigated 4 security conditions using SQL in databases that challenge unauthorized access to cases
- Automated data uploading to the backend IBM FileNet server, wrote JUnit tests, and solved Jira tickets

Microsoft Student Partner Waterloo, ON | Apr 2020 – Present

- Trained over 15 developers to implement Azure cloud technologies for software development

Web Developer | Design Net Specific Mississauga, ON | Jul – Aug 2019

- Developed a website using JavaScript, Vue.js, HTML, and CSS to adhere to responsive design
- Accelerated development process by **over 50%** by designing reusable components and objects

Computer Software Intern | Carte Wealth Management Mississauga, ON | Jun – Jul 2017

- Designed a mobile app in BuildFire for over **100 financial advisors** and conducted a SWOT analysis

Judging Panel Coordinator | Hack the North Waterloo, ON | Sep 2019

- Coordinated a 1500+ member hackathon judging event

Conference Coordinator | Professional Engineers of Ontario Oakville, ON | Mar 2019

- Led 30 STEM instructors to plan a vehicle design challenge for National Engineering Month

PROJECTS

Facebook AI Hackathon | Google Cloud, Python, React.js, Flask  March 2020

- Processed image text with Google Vision API and PyTorch to match interests in Facebook Groups API
- Implemented Python machine learning neural networks to post ads on groups using React.js and JSON

Air Quality Analyzer Webapp | JavaScript, Node.js, HTML, CSS  August 2019

- Built a Vue.js analyzer that manipulates live RESTful API data to compare and compute air qualities

Angular Motion Mathematical Game | Java  Jun 2019

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

Artificial Intelligence Workouts App | National Finalist in HOSA Medical Innovation Feb 2019

- Wireframed a UI/UX machine learning app to study patterns and suggest optimized workouts

Biometrics Bicycle Lock | Provincial Finalist in DECA Innovation  Feb 2018

- Programmed a microcontroller (Arduino), fingerprint sensor, and alarm to increase bicycle security

ACHIEVEMENTS

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

- Awarded prestigious \$100,000 Engineering scholarship given to only **25 students in Canada**
- Excelled academically with a **99.66%** average

EDUCATION

University of Waterloo | Systems Design Engineering Sep 2019 – Apr 2024
Ranked in **Top 25%** of the Class | C++ Data Structures and Algorithms | President's Scholarship of Distinction