

Jayant Mehta

Systems Design Engineering | University of Waterloo | 3.9 GPA
Schulich Leader National Award | SHAD Fellow

🏠 jayantmehta.ca
🌐 github.com/JayantMehta1
🌐 in/jayant-mehta
✉ jayant.mehta@uwaterloo.ca
📞 (647) 518-5819

SKILLS

Development: C++, Java, Python, JavaScript, React.js, Node.js, Vue.js, Ruby, SQL, HTML, CSS

Tools: Git, Jira, RESTful APIs, Agile/Scrum, Google Cloud, Microsoft Azure, Linux, Ruby on Rails, PostgreSQL

About Me: Analytical Thinker, Excellent Communicator, Quick Learner, Team player, Adaptable

EXPERIENCE

Oracle Corporation | Software Developer and SDET Intern Kitchener, ON | Sep – Dec 2020

- Onboarded the Human Capital Management team to build software for small to medium sized businesses
- Actively participated in Agile meetings with product management, design, and engineering

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

- Developed application features in **Java** released to over **15,000 nationwide** users via **Scrum/Agile**
- Implemented algorithmic sorting in 20+ tree node types, wrote JUnit tests, and utilized **Git** to track work
- Investigated 10+ security vulnerabilities using **SQL** in databases to restrict unauthorized access to cases
- Built a vertical slice for a microservice and automated data uploading to the backend IBM FileNet server

Microsoft | Student Partner Program Kitchener, ON | Apr 2020 – Present

- Trained over 15 developers to implement Azure cloud technologies for software development
- Built a Ruby on Rails and React.js learning platform with a PostgreSQL database to host tutorials

Design Net Specific | Web Developer 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

Carte Wealth Management Inc. | Computer Software Intern Mississauga, ON | Jul – Aug 2017

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

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

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

PROJECTS

Facebook AI Hackathon | Python, Google Cloud, React.js, Flask, Azure, Docker Mar 2020

- Classified image text with **Google Vision** and PyTorch to **predict ad matches** in Facebook Groups API
- Validated users access tokens as JSON with Facebook Login API and cookies to post to groups at **93% accuracy**
- Deployed Flask and React.js Azure web app for evaluating training of Python machine learning neural networks

Sentiment Analysis Tweeter API | Python, Flask, Azure, Django, Docker Aug 2020

- Developed an API where users can log in and tweet their thoughts with sentiment analysis
- Deployed using **Azure DevOps** to automate deployments with CI/CD implementation and PostgreSQL database

Air Quality Analyzer Web App | JavaScript, Node.js, Vue.js, HTML, CSS Aug 2019

- Built a Vue.js analyzer that manipulates live RESTful API data to compare and compute data for **thousands of cities**

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 an embedded biometrics bicycle security alarm with C++, Arduino, and fingerprint sensor

ACHIEVEMENTS

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

99.6% Average | Awarded prestigious \$100,000 Engineering scholarship given to only **25 students in Canada**

EDUCATION

University of Waterloo | Systems Design Engineering | 3.9 GPA Sep 2019 – Apr 2024

Top 25% in Class | Hack the North Coordinator | **C++** Data Structures and Algorithms | President's Scholarship