Jayant Mehta

Systems Design Engineering | University of Waterloo | 3.9 GPA
2nd Year Student | Schulich Leader National Award | SHAD Fellow

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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 2020 – Present
- Onboarded the Human Capital Management backend team to build software for medium sized businesses in **Java**
- Utilized **Scrumbox VMs** and configured endpoints to solve NetSuite issues that impact over **40,000** organizations

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 in a vehicle design challenge and presented to **60 students** 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 in **Python** 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

ACHIVEMENTS

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 | **C++** Digital Computation