Jayant Mehta

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

SKILLS

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

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 application development

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

Computer Software Intern | Carte Wealth Management Inc. (Mississauga, ON)   Jun 2017 – Jul 2017
- Designed a mobile app using 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 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

Facebook AI Hackathon | Google Cloud, Python, PyTorch, React.js, Flask, Node.js 🐙 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, Vue.js, 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 (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) 🐙 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, 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 | C++ Data Structures and Algorithms