

JASON MA

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📍 St.Catherines,Ontario

EXPERIENCE

Automation Software Tester (Contract)

Fugro Roadware Inc

📅 04/2021 - 11/2021 📍 Mississauga, Canada

- Quality control on SQL queries and test the data batches for clients
- Manipulated batch files using SQL queries, run tests for construction and pavement errors and making correction for them to be sent to clients in Canada, USA and India
- Extensive knowledge using GIS(Geographic Information System) for data, shape files for rural and urban analysis in Vision
- Programmed SQL and Ruby queries for database and desktop with automation tools for GIS queries for data replication on AWS(Amazon Web Services)

Software Development Contract

IBM

📅 10/2019 - 05/2021 📍 Toronto, Canada

- Implemented and handle client care issues with ABM and Banks Machines and prints using SQL Sqlite3 database to organize
- Using technologies such as REACT and JavaScript to update the Scotia bank's API platform
- Troubleshoot any technical issue with client's database server online

Software Developer Intern

DOD TECH CANADA

📅 09/2018 - 08/2019 📍 Richmond Hill ,Canada

- Test Android and other dash cam application using JavaScript and data structures
- Improve UI by using HTML interface to test and script the design controls to navigate the app on any mobile device
- Use ArcGIS software to create, maintain and analyze spatial data used with to pinpoint locate using GPS for dash cam

Lab Monitor

York University

📅 09/2016 - 10/2017 📍 Toronto,Canada

- Categorized and documented qualified system issues and shared with the tech team using Linux and C programming
- Design, document, evaluates 2D and 3D GIS models and mapping products
- Integrate data from various projections, coordinate systems and CAD to GIS Conversion
- Convert GIS data into a compatible format for an Asset Management software (Maximo)
- Provided guidance, training, orientation to client and staff on features related to ArcGIS Desktop, ArcGIS Collector and ArcGIS Online

TECHNOLOGIES

Adobe Civil 3D AutoCAD

ArcGIS OOT CSS HTML

JavaScript Java Visual Studio

Python REACT SQL Bilingual

EDUCATION

CERTIFICATION&AWARDS

ESRI GIS,Eligible for C.TECH from (C.E.T.)

📅 06/2020 - 02/2021 📍 Illinois, USA

- Front End Developer from Scrimba BootCamp
- Certificate in First Aid from Security Training Scarborough
- Certificate in GIS in python scripting
- Certificate in ESRI GIS, SQL solution and Information Technology infrastructure library

BACHELOR OF COMPUTER SCIENCE & ENVIRONMENTAL SCIENCE MINOR

YORK UNIVERSITY

📅 12/2010 - 12/2021 📍 Toronto, Canada

- Knowledge of urban planning and design skills such as python,C, Java, JavaScript, and HTML webpage
- The use of designs to create buffers and functions for map using GIS(GEOGRAPHIC INFORMATION SYSTEM) with B average

DIPLOMA IN CIVIL ENGINEERING

SENECA COLLEGE

📅 09/2008 - 06/2010 📍 Toronto, Canada

- Studied highway, municipal and building design
- Developed drawings in AutoCAD and Surveying roads designs and use of Civil 3D for sewer layout design