Fawaz Pirzada

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Education

University of Toronto *Toronto, Ontario*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE *Sep. 2014 - Jun. 2020*
- Specialization in Software Engineering

Technical Skills

- **Languages:** Python, Java, JavaScript, HTML, CSS, C, C#, Android Studio, Bash, MATLAB, Scheme, Haskell
- **Databases:** SQL (SSMS, PostgreSQL, MySQL), MongoDB, NeDB
- **Development Tools:** Git, Unix, Visual Studio, JUnit, Flask, FastAPI, NodeJs, RESTful, Bootstrap, unittest

Work Experience

Green and Spiegel LLP *Toronto, Ontario*
SOFTWARE DEVELOPER *Aug. 2021 - CURRENT*
- Managed the in-house client management system called Mattersphere by designing various front-end screens and coding the back-end to write to and read from SQL Server
- Organized databases, created stored procedures, and ran queries using SQL server for lawyers and case analysts to significantly increase work output speed
- Developed and edited web pages using Razor Pages, visual studio, and C# to meet Covid-19 requirements
- Debugged application used to convert data from Mattersphere to legal billing software called PCLaw; Resulted in fixing various issues and speeding up conversion time by 50%

Bell Canada *Toronto, Ontario*
BUSINESS ANALYST *Dec. 2020 - Jun 2021*
- Collaborated with various teams and stakeholders to oversee the project life-cycle by documenting all relevant information and achieved critical deadlines
- Designed Visio diagrams to pinpoint key areas for efficiency which in return improved the process turn around time by 15%
- Created and provided key business documents that were utilized for financial validation to verify there are no discrepancies within the data
- Reviewed various software with developers and IT teams to cross compare and conducted performance analyses that provided insight to what software best suited our companies long-term objectives

Environment Canada *Toronto, Ontario*
JUNIOR BUSINESS ANALYST *May. 2018 - Apr. 2019*
- Collaborated closely with forecast team to update weather applications; resulted in many bug fixes and timely scheduled updates for applications
- Demonstrated effective troubleshooting skills when testing various applications; succeeded in resolving client concerns in a timely manner
- Updated old startup scripts using python for weather forecaster clients; resulted in speeding up morning schedules for the forecaster team
- Tested and reported bugs on mobile weather forecaster application while working with the developer's team

Projects

Open Source Contribution - MatPlotLib *Toronto, Ontario*
UNIVERSITY OF TORONTO *Sep. 2017 - Dec. 2017*
- Leading a team of 8 developers set in an agile environment, we conducted analyses on MatPlotLib to locate bugs
- Visualized the design pattern of bugs using multiple graph API's
- Successfully fixed bugs which ultimately resulted in our code being merged into the MatPlotLib repository

Scrum Master, Exoplanet Database, Physics Professor *Toronto, Ontario*
UNIVERSITY OF TORONTO *Sep. 2016 - Dec. 2016*
- Developed a program to merge NASA and exoplanet catalogue into the client's personal database
- Designed the back-end using python with the use of various python libraries such as parser to read and convert to compatible data along with unittest library for testing, and GitHub for version control
- Strong knowledge of algorithm design and data structures was used in order to read and parse new planet information to save time complexity