Deivis Dervinis

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Experience

Teranet Inc.   Mississauga, Ontario
Co-op QA ETL Analyst   May 2020 - Aug 2020
- Performed database management and maintenance using T-SQL and SQL Server Integration Services
- Worked under Agile testing methodology
- Demonstrated understanding of Defect Management Life Cycle
- Database automation integration using ETL practices
- Demonstration strong knowledge of company standards and protocols during inspections

Lusens Inc. / Sheridan College   Oakville, Ontario
Research Assistant   Sep 2019 - Dec 2019
- Analyzed RGB videos using OpenPose and PoseNet
- Assisted in research and development of new equipment, products, and processes
- Performed human pose model training using MATLAB and Tensorflow
- Prepared and edited reports, presentations and articles using MS Word and PowerPoint
- Assessed model evaluation via statistical methods using Python 3

Teranet Inc.   Mississauga, Ontario
Co-op Software Developer   May 2019 - Aug 2020
- CGE System development using C# and ASP.NET
- Refactored code for CGE System using AngularJS
- Maintained website and managed CGE System API using Azure services and Postman.
- Conducted full life-cycle software development in multiple software environments

Education

Sheridan College   Oakville, Ontario
Honours Bachelors of Science Computer Science (Mobile Computing)   Sep 2016 - Apr 2021
Coursework: Mobile App Development, Data Structures and Algorithms, Operating System Design, Business Intelligence, Info System Security, Artificial Intelligence, 3D Graphics and Gamification, Software Engineering, QA & Software Testing, Advanced Wireless Networks.

Projects

Speech Emotion Analyzer *Python 3, CNN, Audio Segmentation, Google Colab*
Developed a Speech Emotion Recognition tool that allows the user to upload an audio file used to perform emotion recognition, displaying a concrete timeline of emotions recognized

HackU / Deltahacks 6 *Android, Java, IBM Watson, Firebase*
A machine learning assisted Android app for hackathon team formation connecting hackathon participants with similar interests using Firebase and IBM Watson Assistant.

Squid Impact
An arcade game made in Java, where the point of the game is to destroy squids, get through the levels and beat the final boss. Uses hitbox collisions, sprite loading, UX/UI development.

Skills

Programming Languages:	C#, Java, C++, C
Mobile App Development:	Android, Flutter, Swift, RxJava, React Native
Web Development:	ASP.NET, HTML5, CSS3, JavaScript, Angular, AngularJS, PHP
Cloud Computing Services:	Firebase (Authentication, Database), IBM Watson, Azure Services
Databases:	SQL, T-SQL, SSIS, ETL, SSMS
AI / Machine Learning:	Python 3, MATLAB, TensorFlow, PyTorch
Other:	REST API, Git, Postman, OpenGL