CEDRIC FADEL
COMPUTER ENGINEERING

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SUMMARY

- Proficient in software development life cycle with a strong understanding of object oriented concepts and their applications
- Experienced developing solutions utilizing the full-stack of Microsoft technologies
- Aptitude to handle multiple project orders while working in a fast-paced, Scrum/Agile environment
- Eager to learn new skills while adapting to employment guidelines and demonstrating persistence, commitment and dedication

EXPERIENCE

Software Engineer
NVIDIA | Santa Clara, USA | Jan 2017 - May 2017
- Designed and implemented a Data Health Monitoring Platform for existing data pipelines
- Built front end experience using primarily D3.js, AngularJs for tree and KPI representation
- Built backend services that interacts with data pipeline components to fetch and store data using Java Spring framework and Postgres

Full Stack Software Consultant
BDO Solutions - Systems Group | Toronto, Canada | Jan 2017 - May 2017
- Designed and implemented security features for a Web Portal such as the Audit Trail, Reset Password and Login pages amongst others using C#, SQL, JavaScript and AngularJS
- Enhanced web portal's performance by 60% by making Audit Trail's design multithreaded
- Built end-to-end MVC features such as User Management using C#, SQL and JavaScript

Software Developer
MedAvail | Mississauga, Canada | Sept 2015 - Aug 2016
- Implemented a web-service platform that periodically fetches the information and status of a development branch and its virtual appliance and displays it on a web-page
- Created .msi installers using WIX to accelerate the installation of web-services by 150%
- Fixed bugs and implemented new features on embedded software and various websites primarily using C#, SQL, HTML, CSS, KendoUI, JQuery and JavaScript

Systems Implementation Project Coordinator - Co-op Leader
TJX Canada | Toronto, Canada | Jan 2015 - May 2015
- Managed and coordinated the systems aspects for all new stores in a timely manner
- Communicated with vendors, construction team and customers in French and English

EDUCATION

University of Waterloo
Sept 2014 - Present
BASC, Computer Engineering

SKILLS

Languages
- C#   - Java
- C++   - JavaScript
- Python   - SQL
- HTML   - CSS

Tools & Frameworks
- AngularJS   - ASP.net MVC6
- Git, SVN   - Node.JS

RELEVANT COURSES

Udemy
- The Complete Ethical Hacking Course

University of Waterloo
- Real-Time Operating Systems
- Computer Networks
- Compilers

PROJECTS

Image Classifier (Script - Python)
- Trained a neural network with TensorFlow to automatically recognize hand-written digits. Documented research on online blog, cedricfadel.com/blog

Keylogger (Console Application - C++)
- Records and encrypts keyboard and mouse inputs using Windows API hooks and mails it to user using PowerShell script

Pedometer (Android App - Java)
- Real-time path-finding algorithm which guides a user to a destination while correcting his mistakes

Stock to Date (Windows App - C#)
- Dynamic information interface app that fetches the price and status of Gold, US Dollar and European Euro on a daily basis