

CEDRIC FADEL

COMPUTER ENGINEERING

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SUMMARY

- Highly motivated individual with over 3 years of experience coding, testing and establishing system improvements
- 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 and dedication

EXPERIENCE

Cloud Software Engineer

NVIDIA | Santa Clara, USA | Sept 2018 - Dec 2018

- Accelerated the provision manager's global deployments by 400% by implementing a multi-threaded Jenkins pipeline that ensures a safe deployment and generates a report analysis
- Designed and implemented integration tests between services using the NUnit framework
- Eased log collection and aggregation by automating the download procedure from Amazon S4, grouping, parsing and performing semantic interpretations per user requirement

Security Research Assistant

University of Waterloo | Waterloo, Canada | Jan 2018 - May 2018

- Researched Ethereum smart contract security vulnerabilities under Professor Vijay Ganesh
- Held seminars as well as code reviews to educate the department on research findings of Solidity, Ethereum Virtual Machine, and blockchain vulnerabilities on smart contracts

Software Engineer

NVIDIA | Santa Clara, USA | Sept 2017 - Dec 2017

- Implemented a Data Health Monitoring Platform for existing data pipelines
- Built front-end user interface using primarily D3.js and AngularJS
- Developed services to interact with pipeline components such as Hadoop, Kafka, Logstash, Elasticsearch and Kibana that fetch and store their status using Java Spring framework

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 its audit trail, the reset password page and the login page amongst others using C#, SQL, JavaScript and AngularJS
- Enhanced web portal's performance by 60% by making audit trail's design multi-threaded

Software Developer

MedAvail | Mississauga, Canada | Sept 2015 - Dec 2015, May 2016 - Aug 2016

- Programmed a web-service platform that periodically fetches and displays the status of existing development branches as well as their virtual appliances on a web page
- Created .msi installers using WIX to accelerate the installation of web-services by 150%

EDUCATION

University of Waterloo

Sept 2014 - April 2019

BASc, Computer Engineering

Relevant Courses

- Programming for Performance
- Distributed Computing
- Computer Security

SKILLS

Languages

- | | |
|----------|--------------|
| - Python | - C# |
| - Java | - JavaScript |
| - C++ | - Solidity |
| - HTML | - CSS |
| - MySQL | - PostgreSQL |

Tools & Frameworks

- | | |
|---------------|------------|
| - AngularJS | - ASP.net |
| - D3.js | - Node.js |
| - Java Spring | - NUnit |
| - Jenkins | - Kibana |
| - Spark | - Jupyter |
| - Illustrator | - Notebook |

ADDITIONAL COURSES

- The Complete Ethical Hacking Course - Udemy
- Cryptography I - Coursera

PROJECTS

Text to Braille - Fourth Year Design Project

- Implemented a system that processes text using an Android device's camera and displays it on a refreshable braille system

Blogging - Portfolio

- Designed and developed a personal website to display blogs, timeline and portfolio using AngularJS
- Blogged topics related to convolutional networks and Ethereum smart contract security vulnerability