

GUELOR EMANUEL

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EDUCATION

Bachelor of Computer Science: Software Engineering Stream

September 2012 - Present

Graduation date

April 2017

Minor in Philosophy

Carleton University, Ottawa, Ontario

SUMMARY OF SKILLS

Technical Skills

- Extensive knowledge and experience with **C, C++, JavaScript, Java, Git, HTML, CSS**
- Experience with **Python, Swift, C#, Processing(Java), SQL, MongoDB, Node.js, Scheme, Prolog, Express framework, Qt framework, Xcode, Android Studio, Apache Cordova, Ionic framework, Angular.js, Unity Game Engine, React Native**
- Experience working in **Linux, Windows, and Mac OS** environments
- Troubleshooting and configuration experience in **Windows, MacOS, and Linux based Systems**
- Understanding of various **data structure and algorithm**
- Understanding of various **design patterns**
- Knowledge of **Test-driven development**, and **Scrum**
- knowledge of communication and **network protocols** (OSI, SSH, FTP, TCP/IP, HTTP, HTTPS)

Communication Skills

- Over 5 years of work experience in customer service environment.
- Strong leadership experience in professional and extra-curricular environments such as participating in Carleton University Student Association (CUSA), and volunteer note taker at Carleton University.
- **Flexible, reliable, friendly and co-operative**

HACKATHON

Decode 2015: TripAdvisor Team

- Built from scratch, a local restaurant **search engine**, using data from **TripAdvisor's API**.
- Learned about **full-text search**, matching user query terms against all the data collected about the indexed restaurants using **ElasticSearch** module for **Node.js**.
- Worked on the back end using **Node.js, Express framework**, and helped out the front end developer populate back end data to the front end using **JavaScript, JQuery, Hogan.js**, and **Angular.js**.

- Collaborated well with the team to accomplish whatever goal we needed done at the time.
- Article: www.linkedin.com/pulse/ottawa-decode-2015-tripadvisor-student-hackathon-jean-philippe-daigle
- For a list of my other side projects please visit my website at <http://cubeguelor.me/projects/>

WORK EXPERIENCE

IT Help Desk

August 2014 – Present

Carleton University, Ottawa, Ontario

- Provides tier two support to University faculty, staff and students in their use of campus networks, dial-in services, applications, operating systems, and various Hardware. Solved various of user problems, including account set-up, password issues, software configuration, printers related issues.

Special Projects Team

September 2013 – April 2014

Computer Networking Group

Carleton University, Ottawa, Ontario

- Collaborating with a diverse team of colleagues from the Departments of Engineering and Industrial Design to develop a high-tech replacement to the Department of Engineering's faculty directory
- Developed a set up tool using C++ for future Special Project Team that walked them through the set up procedure and provided them with needed documentation files, etc...

Computer Technician

April 2013 – September 2013

Kwic Internet

Simcoe, Ontario

- Repaired and maintains computers, configured modem and routers.
- Provided Customer support regarding to Internet access, Internet transit, domain name registration and hosting, dial-up access, broadband, mailbox hosting, wireless router setup, etc.

VOLUNTEER EXPERIENCE

Canadian Blood Services

September 2015 – Present

Ottawa, Ontario

- Implemented a proof-of-concept for in-clinic experience in which **Bluetooth beacons** are used to trigger real time notifications on a **mobile app**.
- Researched engagement proposal, collected requirement.
- Created a simple **restful API** using **Node.js**, **Express framework**, **MongoDb**, and used **Ionic Framework for the front end**

Note taker

May 2014 – August 2014

PMC

Carleton University, Ottawa, Ontario

- attended all classes

- took complete and detailed notes
- submitted all the notes on the PMC Portal within 48 hours after each class
- maintained confidentiality

Lions Clubs

January 2010 – January 2011

Simcoe Lions Club

Simcoe, Ontario

- Responsible of spotlight, and setting up the set

CIBC Run for the Cure

October 2011

Simcoe, Ontario

- Setting up the running routes, and guiding the runners

Fair Parking

2009 – 2011

Simcoe Composite School

Simcoe, Ontario

- Directed vehicles to correct parking spot