

# **Blessing Omotayo**

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## **EDUCATION**

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### **Bachelor of Engineering, Software, (Co-op Option)**

**September 2014 - Present**

Carleton University, Ottawa, Ontario

- Third year standing – CGPA 9.95/12.0 (B+)
- Faculty of Engineering and Design Entrance Scholarship, 2014
- Faculty of Engineering and Design Dean's List, 2016
- Expected graduation date: 2019

## **AVAILABILITY**

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Available for four months beginning May 1st, 2017

## **RELEVANT SKILLS**

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### **Technical Skills**

- Used Java in BlueJ and Eclipse IDE to effectively develop maintainable and reusable software by developing knowledge on UML diagrams, test classes, Graphical User Interfaces, arrays, classes, implementation, and inheritance
- Developed image filters such as grey scale, and black and white filters in Python that were used to manipulate images and used the debugging tool in Wing IDE to identify and solve problems during development
- Learned to design, code and test functions that operate on two fundamental data structures: the dynamic array and the pointer-based singly-linked list using C language
- Learning CSS, HTML, JavaScript and SQL and currently working on creating my personal website
- Proficient with Microsoft Office suit and Windows
- Familiar with Linux OS
- Strong understanding of object-orientation programming and functional programming, memory and UML diagrams

### **Communication and Leadership Skills**

- Adequate in verbal and written French
- Gained strong verbal/non-verbal, presentation, team building and active listening skills throughout previous work experiences and school assignments
- Lead a team to successfully run church service by exercising effective division of labor such as: updating lighting cues, lyrics, sounds, etc

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## RELEVANT EXPERIENCES, AND ACCOMPLISHMENT

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### Technical

- Successfully completed labs and assignments in object-oriented programming and functional programming
- Developed multiple programs such as, Arkanoid (Brick Breaker), CGPA Calculator, Asteroids game, and Deal or No Deal in Java
- Participated in a programming competition at Carleton University to program an effective way of detecting the faulty washers out of an array of images using Java in Eclipse IDE
- Used Photoshop to apply technical and creative skills to design a magazine cover for yearbook

### APPLIED PROJECTS

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#### Reverse Engineering Project

**Fall Semester 2014**

Carleton University - Introduction to Engineering, Ottawa, Ontario

- Worked in a team as the team leader to effectively redesign a kitchen knife to prevent knife marks on the palm by attaching a soft detachable handle on top of the knife made out of rubber using programs such as IntelliCAD and PRO/ENGINEER CREO

#### Technical Engineering Report

**Summer Semester 2015**

Carleton University – CCDP, Ottawa, Ontario

- Effectively communicated a technical engineering concept on motion tracking wearable devices to a non-technical audience by presenting the concept and writing a well detailed technical report answering my technical questions on the XSSENS MVN Motion tracking suit

### WORK EXPERIENCE

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#### Application Developer (Co-op)

**January 2017 – April 2016**

Kinaxis Inc., Ottawa, Ontario

- Working with a team to improve existing functionality as well as develop new features in both the client and server side of RapidResponse in order to improve customer efficiency
- Contributing to the Winter release of RapidResponse
- Enhancing my knowledge in Java, C# and object-oriented programming

#### Teaching Assistant

**September 2016 – December 2016**

Carleton University – MATH 2004, Ottawa, Ontario

- Conducted weekly teaching sessions
- Held weekly office hours
- Took on administrative duties such as grading students tests

### VOLUNTEER EXPERIENCE

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#### Winter semester volunteer note taker

**January 2015 – April 2015**

Carleton University, Ottawa, Ontario

- Helped the Paul Menton Centre Notetaking service for students with disabilities, demonstrates understanding of individual and group dynamics

**Go code girl**

**March 2015**

Carleton University, Ottawa, Ontario

- Participated in helping high school female students to learn the basics of programming and robotics by using Python language and Raspberry Pi to code Arduino microcontrollers
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