

# **Emmanuel K. Asinyo**

Ottawa, Ontario, Canada | +1 (613) 805-7454

Email: [emmanuel@asinyo.ca](mailto:emmanuel@asinyo.ca)

LinkedIn: <https://linkedin.com/in/easinyo>

GitHub: <https://github.com/easinyo>

Portfolio: <https://easinyo.github.io>

## **OBJECTIVE:**

Software engineer, who is solution-driven and multilingual, seeks a dynamic company, where my-in-depth knowledge of software development and tools will be maximized.

---

## **EDUCATION**

September 2016 – April 2020

**Bachelor of Applied Science Software Engineering (Co-op)**

University of Ottawa, Ottawa, Ontario

• Dean's honor list fall 2017, 2018 and 2019 (**GPA 8.3/10**)

---

## **SKILLS**

### **Mobile & Web Development**

Java/ Kotlin/ Android SDK

C/ C#/ .Net

Angular/NextJS

PHP/JavaScript/TypeScript

HTML5/ CSS3/ Bootstrap

Genero 4js

### **Software Development Methodologies**

Agile methodology

Test Driven Development

Behaviour Driven Development

### **General Skills**

User Interface Design

User Interface Analysis/ UX

MVP design pattern

OOP

### **Databases**

SQL

Informix

MySQL

PostgreSQL

Database design

### **Software Quality Assurance**

Unit test

UI test

Scripting

Software automation using Slash framework and Jenkins

### **Data Communications and Networking**

TCP/ IP model

OSI model

IPv4/Ipv6

### **Operating system**

Windows

Linux/Unix

OS X

### **Other Computing Languages and Tools**

Python

Eclipse/ NetBeans/ Visual Studio

Git/ GitHub

Confluence/ Jira

REST APIs

---

## **PROJECTS**

### **Bookstore Web App**

Website that sells the pdf and hardcopies best seller and new coming books:

- Built using HTML/CSS, PHP, JavaScript, SQL
- Allows user to login and sign up, browse, sort books by price, author.
- Implemented search books feature (per title, author).

### **FunRide App**

Android application using Rest API, CI, Java and Kotlin. Users (drivers / riders) can:

- Sign in and sign up through the app.
- Search for rideshare across Canada from city A to city B.
- Post a ride and look for riders.
- Pay for the service and successfully connect to a driver.

<b>EduSciences Testing tool</b>	<b>Java GUI based on JavaFX framework that used Selenium to test the web app:</b> <ul style="list-style-type: none"> <li>• Allows the user to delete, edit, create, and save a test case.</li> <li>• Display the console output.</li> <li>• Generate a result of the test case.</li> </ul>
<b>Olympic Games Database</b>	<b>Web application, that will display the database content of Games Organizing Committee (OCOG). It is implemented by:</b> <ul style="list-style-type: none"> <li>• Using PHP, HTML/CSS to display the front-end content.</li> <li>• Building relational database with SQL hosted on PostgreSQL server.</li> </ul>

---

## WORK EXPERIENCE

---

<b>09/2018 – 12/2018</b>	<b>Full Stack Developer</b> Office of the Secretary of the Governor General, Ottawa, Ontario <ul style="list-style-type: none"> <li>• Refactored the codebase and removed unused code in Angular.</li> <li>• Corrected various bugs that might affect the user experience in the angular app.</li> <li>• Designed and developed advanced functionalities.</li> <li>• Implemented UI and Unit tests for each functionality.</li> </ul>
<b>05/2020 – Present</b>	<b>Full Stack Developer</b> Versatarm, Ottawa, Ontario <ul style="list-style-type: none"> <li>• Developed REST API services using Genero 4JS, C#/.Net.</li> <li>• Designed, and wrote the front-end of the Police/Fire/EMS application to communicate to APIs using Genero 4js and C#/.Net.</li> <li>• Built programs to update production database entries.</li> <li>• Worked with police agencies (customers) to understand and fix their support issues.</li> <li>• Implemented webservices libraries to use across the platform.</li> </ul>
<b>01/2020 – 04/2020</b>	<b>Web Developer</b> University of Ottawa, Law Faculty, Ontario <ul style="list-style-type: none"> <li>• Developed and maintained new technologies using.</li> <li>• Used Html and CSS to create UI.</li> <li>• Built and integrated applications and functionalities to display on the website.</li> </ul>
<b>09/2019 – 04/2020</b>	<b>Teaching Assistant (Python, and C programming courses)</b>
<b>09/2018 – 12/2018</b>	University of Ottawa, Engineering Faculty, Ontario <ul style="list-style-type: none"> <li>• Led Lab and helped students understand numerous class concepts.</li> <li>• Corrected assignments and conducted office hours to answer several questions.</li> <li>• Responsible for creating a Python tool that will automate assignment corrections.</li> </ul>
<b>05/2019 – 08/2019</b>	<b>Software Integration Engineer (Co-op)</b> Ford Motor Company of Canada, Ottawa, Ontario <ul style="list-style-type: none"> <li>• Performed Software and Feature Level Testing on the connected vehicle platform.</li> <li>• Responsible for executing, troubleshooting and issue isolation.</li> <li>• Teamed with developers to; validate feature implementation and fix bugs.</li> <li>• Implemented Test Automation using Python.</li> </ul>
<b>01/2019 – 04/2019</b>	<b>Web Content Developer</b> University of Ottawa, Ontario <ul style="list-style-type: none"> <li>• Prepared content for publication to the web site.</li> <li>• Designed user interface mockups.</li> <li>• Researched and analyzed features to be implemented.</li> </ul>

---

## REFERENCES

---

Upon Request