

# Alfej Aiyub Savaya

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[GitHub](#) | [LinkedIn](#)

## PROFILE

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I'm a dedicated programmer with a love for web design and web development. I'm a recent graduate of Seneca College's Computer Programming program and a fantastic problem-solver. I'm now seeking a position in the software industry where I can expand my abilities, learn new technologies, and contribute with a high level of devotion to the operations of the company.

## SUMMARY OF QUALIFICATIONS

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- **Applied Problem Solving**  
This course introduces the concepts of critical and computational thinking with an emphasis on problem solving and problem analysis. Independent of any programming language, these concepts provide the basis for deriving application and system solutions.
- **Introduction to Programming Using C**  
This course covers the fundamental principles of computer programming, with an emphasis on problem solving strategies using structured programming techniques. The C programming language, which is widely used and forms the syntactical basis for object-oriented languages such as C++, C#, and Java, is used to introduce problem analysis, algorithm design, and program implementation. Students work in a cross-platform environment.
- **Introduction to UNIX/Linux and the Internet**  
Unix and Linux represent the operating system technology underlying many of the services of the Internet. This subject introduces students to Unix, Linux, and the Internet. Students will learn the core utilities to work productively in a Linux environment. Students will do this work using the shell, at the same time learn to configure their login accounts, manipulate data stored in files, effectively use Linux commands and utilities, and write simple shell scripts.
- **Introduction to Database Systems and Advanced Database Services**  
This subject builds on knowledge gained in previous courses and introduces the student to advanced data management concepts and advanced database application programming. Students will explore non-traditional databases, including non-relational types.
- **Object-Oriented Software Development Using C++**  
This subject expands the student's skill set in object-oriented programming and introduces the student to threaded programming. The student learns to model relationships between classes using containers, inheritance hierarchies and polymorphism in the C++ programming language and to write C++ programs that execute on multiple threads.
- **Web Programming Tools and Frameworks**  
The modern world deploys its software applications on the web, because of the web's scale, reach, and ease of use. This course teaches students to design and create simple web applications and services, in JavaScript, using widely used and powerful tools and frameworks. The major topic themes of this course include a study of the web as a programming platform, server and client programming techniques, an introduction to data storage schemes, and an introduction to security.

## WORK EXPERIENCE

### Nyalkaran Alloys International LTD

Jan 2021 – Dec 2021

#### Web Designer

- Created static sites using HTML, Bootstrap, CSS JavaScript, and jQuery that were hosted by GitHub pages.
- Develop a modern UI using CSS Grid, Flexbox, JavaScript.
- Build new components for major site redesign projects using JavaScript, jQuery.
- DEVELOPING MANAGEMENT & LEADERSHIP SKILLS: I could manage and train new employees with great communication skills.
- Website creation and management software
- Experience with version control systems such as Git
- Web service design

### D Spot Dessert Cafe (Crew member)

Jan 2022 – Present

- DEVELOP CONFIDENCE SKILLS: When I take on any type of retail or hospitality work, I had to deal with all different kinds of people, so having excellent people skills is a given and enhances my confidence.
- ADAPTING TO NEW SITUATIONS: Because of the variety of people that frequent coffee shops required me to quickly adapt to new situations.
- WORKING AS A TEAM: I will benefit greatly from having excellent abilities to communicate and interact throughout my working life as they are essential components of any job.
- DEVELOPING MANAGEMENT & LEADERSHIP SKILLS: I could manage and train new employees with great communication skills.

## EDUCATION (list most recent first)

### Computer Programming (CPP)

Seneca College, Toronto, ON

Jan 2022 – Apr 2023

- Ontario College Diploma
- Cumulative GPA 3.2

### International General Certificate for Secondary Education (IGCSE)

Shakespeare College, Lusaka, Zambia

Jan 2017 – Dec 2019

High School Certificate

## PROFESSIONAL SKILLS

- Front end Web Development
- Backend Web Development
- Knowledge of JavaScript frameworks and libraries (Node.js, Express.js, React)
- Database and Web Technology (Oracle)
- Internet Client and Server-side Development
- Solve Problems associated with Software Installation
- Familiarity with HTML, CSS, and web development tools
- Development with GitHub pages, Heroku, and MongoDB Atlas
- Authentication and Security
- Introduction to Microsoft Cloud Technologies (Azure)
- MS Office 365 administration and deployment (spreadsheets)
- IT Project Mgmt. Fundamentals, Tools, and Techniques

- Data Analyst/Validation (MS Excel, Google Suite, SQL)
- Good understanding of Agile development methodology
- MS Windows
- Well experienced in Microsoft Excel

## **LANGUAGE SKILLS**

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- HTML 5
- CSS 3
- BOOTSTRAP 4
- JAVASCRIPT ES6 (debugging)
- DOM, jQuery, EJS, APIs, UI/UX design
- NODE, EXPRESS, AJAX, JSON
- REACT (in progress)
- REST/RESTFUL API
- SQL
- C, C++ (Object Oriented)
- Python (DSA)
- BASH COMMAND LINE
- GIT, GITHUB
- MICROSOFT AZURE
- PROJECT MANAGEMENT
- UNIX/Linux
- ANGULAR JS
- MICROSOFT OFFICE 365 (EXCEL, WORD, POWERPOINT, ETC)

## **ADDITIONAL SKILLS**

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- Developing and maintaining web applications using JavaScript and/or Node.js
- Writing clean, readable, and maintainable code
- Testing and debugging your code.
- Collaborating with other developers and stakeholders
- Use existing 3rd party web and email deployment tools.
- Following best practices and coding standards
- Good communication and problem-solving skills
- A passion for learning and growing as a developer.