# Asaiah Toutouyoutte

**Phone**: 613-981-2093

**Email**: [asaiahtou@yahoo.com](mailto:asaiahtou@yahoo.com)

## Personal Statement

Self-taught app developer motivated to help businesses and individuals tasked with providing customers with impeccable applications and solutions. Experienced in a variety of app development backgrounds and platforms. Proficient at utilizing various programming languages and frameworks. A passionate, ever-improving programmer who delights in tackling new projects and challenges. Excels at using modern technologies to solve problems and to provide unparalleled service. Capable of learning new coding languages and frameworks with ease. Multifaceted and sophisticated, has a passion for knowledge and truth.

## Education

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Institution | Course | Certification | Delivery method |
| 2019-Present | George Brown College | Electronics Technician | Diploma | Distance education |
| 2020-2021 | University of Ottawa | Python | Certificate | Distance education |

## Languages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | English | French | German | Spanish | Swedish |
| Spoken | ■■■■■■ | ■■■■□□ | ■■□□□□ | ■■□□□□ | ■□□□□□ |
| Written | ■■■■■■ | ■■■■■□ | ■■□□□□ | ■■□□□□ | ■□□□□□ |

## Self-description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Personal | | Interpersonal | | Professional |
| * Highly analytical * Constantly learning * Innovative and insightful | * Committed to justice * Philanthropic and generous * Open to differing viewpoints | | * Hard-working and driven * Enjoy both leading and serving * Constantly improving | |

## Work History

Currently seeking opportunities promoting growth and development wherein my skills, knowledge, and abilities can be harnessed to help others and solve problems.

### Volunteering

|  |  |
| --- | --- |
| Organizations | Tasks |
| **Christian Embassy**  Address: 85 Albert Street, Suite 1620, Ottawa, Ontario K1P 6A4  Telephone: 613-233-9242  Email: info@christianembassy.ca | * Organizing data * Web scraping |

## Programming skills

Highly familiar with OOP and functional programming paradigms, having experience in a variety of platforms, such as mobile (Android), desktop (Windows), and web development. Competent and well-versed in various computer languages among including Kotlin, Python, Java, and SQLite. Enjoy back-end and UI development.

My portfolio, which contains over 10 different projects is available at https://github.com/asaiahdev777.

|  |  |
| --- | --- |
| Kotlin | Python |
| **Main skills**:   * Mastery of language features and idioms * OOP and functional programming paradigms * Multiprocessing, reflection, Java interoperability   **Skills to acquire**:   * Kotlin Multiplatform * Jetpack Compose * C++ and JNI   **Tools:**   * IntelliJ IDEA, Android Studio, Android SDK * kotlin-reflect, kotlin-coroutines | **Main skills**:   * Knowledge of language features, standard library * Object-oriented programming paradigms * Multiprocessing, scripting   **Skills to acquire**:   * PyQT/PySide2 * Django * Machine learning with Anaconda   **Tools:**   * PyCharm, IDLE, VS Code * sqlite3, csv, os, multiprocessing modules |

|  |  |
| --- | --- |
| Android | Web development |
| **Main skills**:   * Android SDK, UI design, AndroidX * MVC architecture, reactive programming * Profiling, debugging, layout inspection   **Skills to acquire**:   * Jetpack Compose * C++ and NDK * Encryption/app hardening techniques   **Tools:**   * Android Studio, IntelliJ IDEA, Gradle, ADB * greenbot EventBus, Room, LiveData, ViewModel | **Main skills**:   * Page development in HTML, CSS * Responsive web design with CSS * Use of JavaScript to build dynamic pages   **Skills to acquire**:   * CoffeeScript, TypeScript, SVG * SASS, Bootstrap, AngularJS, W3.JS * PHP, MySQL, ASP.NET   **Tools:**   * MS VS Code, Firefox, Edge, Ampps, LiveServer * W3.CSS, jQuery |

|  |  |
| --- | --- |
| Java 8 | C# |
| **Main skills**:   * Mastery of language features * Object-oriented and functional programming   **Skills to acquire**:   * Lambdas * C++ and JNI * RxJava   **Tools/libraries:**   * IntelliJ IDEA, Android Studio * JavaFX | **Main skills**:   * Mastery of language features * Object-oriented and functional programming   **Skills to acquire**:   * ASP.NET * Xamarin * Unity   **Tools/libraries:**   * Microsoft Visual Studio Community * WinForms |

|  |  |
| --- | --- |
| Flutter | C++ |
| **Objectives**:   * Mastery of Dart * UI composition and state management * Concurrency, reflection, file I/O in Dart * Platform channels | **Objectives**:   * Variables, control structures * Functional programming * Concurrency, reflection, file I/O * QT development |

|  |  |
| --- | --- |
| Scala | Groovy |
| **Objectives**:   * Variables, control structures * Functional programming * Kotlin, Java interoperability * Concurrency, reflection, file I/O | **Objectives**:   * Variables, control structures * Functional programming * Kotlin, Java interoperability * Concurrency, reflection, file I/O |

|  |  |
| --- | --- |
| Swift | Ruby |
| **Objectives**:   * Variables, control structures * Functional programming * Concurrency, reflection, file I/O * native iOS and macOS development | **Objectives**:   * Variables, control structures * Functional programming * Concurrency, reflection, file I/O * Ruby on Rails development |

## Ancillary skills

|  |  |
| --- | --- |
| 1. Computing | 1. Content creation |
| 1. **Skills**:  * Diagnosing issues * 71 WPM typing speed * Knowledge of basic security procedures | 1. **Skills**:  * Audio editing using Audacity (basic) * Iconography using Inkscape (basic) * Screen capturing using OBS Studio (basic) |

|  |  |
| --- | --- |
| 1. Microsoft Office | 1. Electronics |
| 1. **Skills**:  * Presentations * Word processing * Excel formulas | 1. **Skills**:  * Arduino (former experience) * Electrodynamics * Circuit simulation (former experience) |

## Hobbies and Interests

|  |
| --- |
| Interests |
| * **Basketball** – Enjoy exercise, camaraderie, and team spirit |
| * **Economics** – Intrigued by finances and its mathematical aspects |
| * **Psychology** – Fascinated by the mind and psychological disorders |
| * **Civics** – Passionate about the laws that govern our country |
| * **Medicine** – Enjoy learning about anatomy and diseases |
| * **Philanthropy** – Concerned with contemporary world issues and remedies |
| * **Philosophy** – Enjoy conversing about varying worldviews |
| * **Sociology** – Enthralled by history, politics, and foreign cultures * **Engineering** – Enjoy problem-solving and innovation |

## Future Learning Projects

|  |  |  |  |
| --- | --- | --- | --- |
| Technology | Arts | Languages | Other |
| * Go * Perl * Bash * Machine learning * CAD * Raspberry Pi | * Piano * Violin * Musical composition * Content creation | * Arabic * Hebrew * Portuguese * Italian * Chinese * Swahili | * Stock investing * Calculus * Communications |

## Current and Future Projects

|  |  |
| --- | --- |
| Goals | |
| * Establish a charity | To help young people from less favourable backgrounds |
| * Develop rehabilitating apparatuses | To quicken the mobilization of disabled or paralyzed limbs |
| * Establish a coding tutoring company | To teach adolescents the fundamentals of programming |
| * Develop affordable desalination systems | To provide water to those in areas lacking potable water |