Zuhab Wasim

Languages

- ♨ Java
- C#, C
- Python
- Visual BASIC
- SQL
- `</>` HTML, CSS
- **JS** Javascript

Tools

- aws AWS
- Unity
- PostgreSQL
- PyTorch
- TensorFlow
- React.JS
- Ruby on Rails
- Mongo DB

Information

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Professional Experience

BiblioCommons

Software Developer   *May 2020—Aug 2021*

- Centralized **all** implementations for **20+** libraries with **React**, **Android**, and **iOS** apps.
- Thoroughly documented **70%** of the process and used **Python** and **SQL** to streamline integrations.
- Debugged **every** assigned issues facing the **Java** back-end and **Ruby on Rails** front-end employing **Git** Workflow.
- Expedited client networks to faster **AWS EC2** cloud solutions for **40+** libraries internationally.
- Utilized **PostgreSQL**, **Java**, and **Python** for **over 1-million** records with batch processing timely to get "star" employee.

Education

University of Toronto

Honours Bachelor in Computer Science, Minor in Mathematics

- Artificial Intelligence Python
- Machine Learning TensorFlow
- Databases PostgreSQL
- Software Design Java
- Web Development React.JS
- Game Design C#, Unity

Games

Reflection

zuhab.itch.io/reflection   *Jan 2022—Apr 2022*

- Leveraged **Unity** and **C#** to craft a 30-minute narrative/puzzle campaign from scratch.
- Oversaw a 10-person team of developers, musicians, and artists to design a full game in 3 months.
- Contributed to over **50%** of the entire codebase, focusing on gameplay programming.
- Showcased and recognized as the most exceptional game of the course, reaching **600+** views and **150+** downloads.

Lighter Souls

zuhab.itch.io/lightersouls   *May 2022*

- Collaborated using Git workflow to accomplish a full metroid-vania inspired game in one week.
- Programmed all player movements, controls, and animation integration with C# in Unity.
- Leveraged fundamental AI to actualize an entire boss sequence in the last two days that led to the game being publicly showcased for T.O. Jam 2022.

Projects

Skinformation

Delta Hacks V   *24 hours*

- Developed an **Android** app in 24 hours and awarded the "Best Healthcare App" of the hackathon.
- Programmed a **Java**-based front-end to use camera input to identify 10 different diseases, their severity, and symptoms in seconds.
- Leveraged Microsoft's **Azure AI** with **TensorFlow** to accomplish a **96%** accuracy rate in distinguishing healthy moles from cancer.

FIRST Robotics

Founding Member and President   *Sep 2015—Jun 2017*

- Led the new team to achieve Rookie All-Stars and compete in **world championships**.
- Increased robot scoring by **200%** engineering new robot catch-and-release mechanisms.
- Integrated hardware and developed loop-based **Java** structure with **Eclipse** and controller-input.
- Leveraged PID controllers with **Java** for precise movements to reach **quarter-finalist status**.