

Zuhab Wasim

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TECHNICAL SKILLS

Languages: Python, Java, C#, Verilog, Visual BASIC, SQL, Bash, JavaScript, HTML/CSS

Frameworks: AWS, Flask, PyTorch, TensorFlow, React.JS, Ruby on Rails

Databases: PostgreSQL, MongoDB, Google Firebase, DB Visualizer

Developer Tools: AWS EC2, Unity, Android Studio, Quartus, Xcode, VS Code, PyCharm, IntelliJ

EXPERIENCE

Software Developer

May 2020 – Aug 2021

BiblioCommons

Toronto, ON

- 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 issue 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

Toronto, ON

Honours Bachelor of Science in Computer Science, Minor in Mathematics

Relevant Courses: Software Design Principles, Game Design, Artificial Intelligence, Machine Learning, UX/UI Design, Operating Systems, Databases, and Web Development

PROJECTS

Reflection | C#, Unity

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.

HACKATHONS

Skinformation | Java, Android, Azure AI Custom Vision

Delta Hacks V

- 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.

CommuniPay | Java, Android, Python, Google Firebase

UofT Hacks VI

- Refocused the Interac API in an Android app to streamline splitting e-transfers for groups.
- Created a complete Java front-end platform and Python back-end that efficiently held user data in document-style formatting using Google Firebase.
- Majorly contributed to the app by diagnosing critical API request issues with the help of industry professionals with Postman in the last 4 hours.

Speech Chess | Python, Azure AI-Language Detection

Hack the North 2019

- Reimagined an accessible chess with Microsoft’s Azure AI, and Python libraries in 24 hours.
- Reduced response recognition by 80% using a Python parser that detects verbal variations.
- Increased detection rates by 11% with similarity checkers for Azure’s natural language processing