

DOR ZAIRI

SOFTWARE DEVELOPER

TORONTO, ON

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 [GITHUB](#)  [LINKEDIN](#)

EDUCATION

GAME PROGRAMMING

HUMBER COLLEGE, TORONTO, ON *DEAN’S LIST FOR ALL SEMESTERS

SOFTWARE ENGINEERING IMMERSIVE

GENERAL ASSEMBLY, TORONTO, ON

TECHNICAL SKILLS

Languages: CSS3, HTML 5, JavaScript (ES6 +), Python, Java, C++, C#, SQL | Databases: MongoDB, PostgreSQL
Tools / Libraries / Apps: Django, Bulma, Express.js, React.js, Node.js, jQuery, Angular, Git, GitHub, Figma, ASP.NET, RESTful API, Heroku, Unity 3D, Unreal Engine, Photon, WebGL, Three.js| OS: Windows, iOS, Linux / Unix, Ubuntu
Game Development | Front-End Development | Back-End Development | Agile | Scrum | Data Analytics | QA Testing | SDLC

CODING PROJECTS

GAME DEVELOPMENT: Cosmic Catch | <https://cosmiccatchdev.itch.io/cosmic-catch> 2022

Tech Stack: C++, Unreal Engine 5(Game engine) | [Source Code](#)

- Developed a cosmic fish-catching game using C++ and Unreal Engine 5
- Led a project with 24 team members for three months for a level-up showcase at Humber College
- Managed source code and project completion while ensuring collaboration between artists and programmers
- Shipped game

GAME DEVELOPMENT: Josh Fight the Game | <https://mashdordev.github.io/JOSH-FIGHT-THE-VIDEO-GAME/> 2022

Tech Stack: C#, Unity 3D (Game engine) | [Source Code](#)

- The game is based on the “Josh Fight” meme event in April 2021. writing in C# and using the Unity Engine.
- The game was developed in a week for a game jam in the program of Game Programming at Humber College

GAME DEVELOPMENT: Project Robot | <https://mashdordev.github.io/Project-Robot/> 2022

Tech Stack: C#, Unity 3D (Game engine), Photon Realtime SDK (Multiplayer server integration) | [Source Code](#)

- The Game was developed for The Global Game Jam and made in under 48 hours.
- Led a group of 8 developers and designers to create a game under pressure with the theme of duality

MINI-PORTFOLIO: Interactive 3D Experience | <https://dorzairi.com> 2023

Tech Stack: Three.js, Vite, JavaScript, HTML, CSS, GLTFLoader | [Source Code](#)

- Developed an ongoing, upgradable mini-portfolio website, showcasing 3D environment created with Three.js and Vite
- Features three distinct 3D models, each leading to a different profile: LinkedIn, GitHub, and a downloadable resume
- Leveraged the power of Three.js along with GLTFLoader for model integration
- Utilized Vite for ensuring smooth updates and enhancements to the portfolio over time

FULL STACK DEVELOPMENT: Jean Model | <https://jonmodel.onrender.com/> 2021

Tech Stack: Figma, MongoDB, Mongoose, JavaScript, Express.js, jQuery, CSS, Bulma, HTML | [Source Code](#)

- Developed and deployed a pet model website with subscription and community page functionality

WORK EXPERIENCE

PROFESSOR OF CREATIVE CODING & WORKFLOW TOOLS | Humber College | Toronto, ON January 2022 – Present

- Developed and taught a comprehensive course on programming logic for interactive experiences
- Created supplemental instructional materials, graded assignments, and delivered lectures

SOFTWARE ENGINEER LEAD INSTRUCTOR | General Assembly | Toronto, ON June 2021 – Present

- Coordinated with co-instructors to guide students through a transformational software development apprenticeship
- Inspired and supported students in pursuing their passions and lifelong learning
- Facilitated a safe, supportive, and energetic community tailored to student’s needs and learning styles
- Developed a strategic relationship between General Assembly and a tech company, increasing job placement for graduates

To Whom it may concern,

I have had the pleasure of managing Dor Zairi for almost 2 years at General Assembly Canada. General Assembly is a global education provider that focuses on in-demand skills across data, coding, design, business and technology.

Dor initially joined our instructional team in June 2021 as a teaching assistant for our 12 week Software Engineering Immersive bootcamp. He quickly moved up to an Instructional Associate role and most recently supported a cohort as a Lead Instructor. As a lead instructor Dor was responsible for the delivery of instruction which includes teaching, advising and content development. While also ensuring the students received meaningful and prompt feedback on their progress.

Dor is an outstanding educator, providing invaluable support to both his instructional team and students. His calm demeanor is a great asset in the classroom. He is very approachable which allows students to feel comfortable to ask for help. He presents his lessons in a way which is understandable by all and adapts to the pace of the students ensuring that no one is left behind. He excels in his ability to break down complex pieces of code and talks through every part of the process to help students understand. Bootcamp programs can be quite challenging and stressful for some students however Dor establishes a collaborative learning environment in his classroom to ensure his students feel supported.

I am confident that Dor will be a great asset to any organization. Should you need any additional information, please feel free to contact me at afira.shaikh@generalassemb.ly.

Sincerely,



Afira Shaikh
Senior Instructor Manager
General Assembly North America
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