



CONTACT INFO

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Ashwin Menezes

Game Developer Software Developer Teacher

WORK EXPERIENCE

Head IT Teacher | Step IT Institute | Knowledge Village, Dubai | Aug '20 - Present

I hold online and on-campus classes of technical and design-oriented IT programs for students aged 10-14 years old, and assign and correct student homework and exams. I meet and speak with parents frequently for reviews and advice about the students and their careers. The subjects I teach include: The subjects I taught include:

- **Game Development** (Unity3D, Construct 3, Minecraft: Education Edition, ClickTeam Fusion, Kodu),
- **Programming** (Python, C++, C#, HTML/CSS),
- **Graphics Design** and **Digital Art** (Adobe Photoshop, Adobe Illustrator)
- **2D Cartoon Animation** (Moho, OpenToonz),
- **3D Modeling and Animation** (Blender, TinkerCAD, SketchUp),
- **Application Development and AI Computer Vision** (Python)
- **Video Editing** (Wondershare Filmora, Adobe Premiere Pro)
- **Web Development** with HTML/CSS and Wix
- And many more subjects from Step IT Institute's extensive education library; If a subject is unknown, we teachers have to learn it!
- Additionally as a Lead Teacher, future teaching material needs to be researched and developed, and other teachers are required to be onboarded, trained, supported, and scheduled.

Softwares Taught



Given that the Dubai branch is fairly new, it has rewarded me with experience of working in a **start-up**! I participate in daily meetings with the general manager and sales team where we coordinate and plan our strategy for the day/week. I assisted in **logistics** and **events** (using knowledge from my previous role in an events company), is the keynote speaker at events, and awarded certificates to students. I also write for **marketing**, support the general manager on day-to-day tasks and handle **technical support**!

Junior Programmer | Fractal Systems | IMPZ, Dubai | May '18 – Jul '20

- Mainly developed applications that allow our clients to showcase their ideas, products, and services in innovative, creative, and eye-catching ways for events and exhibitions.
- Worked with many clients from corporate organizations such as Jaguar, Porsche, and Cisco, and with government sectors from UAE, Saudi Arabia, and Egypt. Our clients used and showcased the requested products at some of the largest events in UAE such as GITEX, WETEX, Arab Health, Energy Summit, and Arab Social Media Influencers Summit Award.
- The types of applications ranged widely from digital signage, VR, AR, Leap Motion, Xbox Kinect, and many others.
- Developed and published a number of mobile games for Android and iOS. Links to some of the most successful applications developed have been provided below.

Softwares Used





Software Engineering Intern | Fractal Systems | Silicon Oasis, Dubai | May '17 – Sep '17

- Created Augmented Reality applications to help the marketing team showcase the company's products to clients.
- Conceptualized, presented, and created games with the Xbox Kinect as products for the company to market.
- Redesigned the company website on WordPress.

Softwares Used



Research & Development Intern | The Assembly | Knowledge Village, Dubai | Aug '16 – Oct '16

Created weekly DIY workshops on topics such as Computer Vision, Smart Home Automation, Gesture Control, and drones by integrating new technologies and holding weekly presentations for the community.

Softwares Used



Education

BSc (Hons) Computer Systems | Heriot-Watt University | 2014 - 2018

Dissertation:

Used Machine Learning on data acquired from NASA's Kepler Telescope to classify exoplanets.

SKILLS

Industry Tools and Technologies

Unity3D, C#, Python, C, C#, C++, Blender, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Moho 2D Animation, Git, HTML/CSS, WordPress

Industry Knowledge and Interpersonal Skills

Teaching, Event Planning, Communication, Project Management, Machine Learning, Agile Methodologies

Hobbies and Interests

Content Creation (YouTube, Instagram, TikTok), 2D Animation (Moho), Digital Art (ProCreate), Video games and Movies

LINKS

Website Portfolio

<https://www.ashwinmenezes.com>

Code Inc (Mobile Games)

<https://apps.apple.com/us/app/codeinc/id1464873667>

<https://play.google.com/store/apps/details?id=com.fractal.codeinc&hl=it>