Asena Hazal YILMAZ

Software Engineer | Game Developer |
AI & AR/VR Specialist

⊙ Based in Ottawa, ON, Canada.

Contacts

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Professional Profile

Software Engineer with 4.5+ years of experience in game development, artificial intelligence, and AR/VR technologies. Skilled in Unity, C#, Python, and Blockchain systems. Experienced in developing mobile and PC games, implementing NFT mechanics, and working with international teams across Europe, Asia, and North America. Passionate about delivering user-centered software solutions and continuously exploring emerging technologies.

Top Skills

Unity3D · C# · 3D Game Environments · Reinforcement Learning · Git · AR/VR · Cybersecurity · Game Design · Python · NFT Systems · Agile · Blockchain

Work Experience

Gameplay Programmer
Nyan Heroes • Contract
📅 Nov 2022 – Sep 2023

⊙ Singapore

- Developed a third-person shooter game on the Solana blockchain.
- Built NFT game mechanics to enhance in-game economic stability.
- Collaborated with Agile international teams to deliver key milestones.

Game Developer & Level Designer
Popcore • Contract
📅 Sep 2021 – Sep 2022

⊙ Berlin, Germany

- Created and optimized mobile game features, improving workflow efficiency by 15%.
- Participated in level design and testing for multiple game releases.
- Enhanced QA processes, reducing bug resolution time by 20%.

Game Developer
Bigpoint GmbH • Contract
📅 Sep 2019 – Sep 2021

⊙ Hamburg, Germany

- Designed monetization systems and gameplay improvements for large-scale online games.
- Delivered updates and new features in collaboration with cross-functional teams.
- Supported projects with over 100k active users.

Software Engineer
Numeric Engineering • Contract
📅 Dec 2018 – Jul 2019

⊙ Texas, USA

- Built interactive MR apps using Unity3D and C# for training environments.
- Developed realistic 3D scenarios for industry-specific use cases.

Software Engineering Intern
Microsoft • Internship
📅 Jul 2017 – Sep 2017

⊙ Istanbul, Turkiye

- Created a Unity-based horror game prototype.
- Conducted early research on interactive gaming tech and immersive design.

Education

Algonquin College – Ottawa, ON
- Supply Chain Management
📅 May 2024 – Dec 2024
- Cybersecurity and Analysis
📅 Jan 2023 – Aug 2023

Duzce University – Duzce, Turkey
Bachelor of Computer Engineering
📅 Sep 2014 – Aug 2018

Publication

Detecting Fake Twitter Accounts Using Artificial Neural Networks
- DOI:10.30855/AIS.2018

Languages

🇹🇷 Turkish
Native proficiency

🇬🇧 English
Fluent (CELPIP-General, Level 9)