

Yuexin (Everett) Xu

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EDUCATION

University of Miami

Coral Gables, FL

Bachelor of Science in Computer Science

Aug 2023 – May 2027

- Relevant courses: Python Programming, Java Programming, Computer Organization and Architecture, Algorithms and Data Structure, System Programming, Autonomous Robot
- GPA: 4.0

EXPERIENCE

Teaching Assistant

Aug 2024 – Present

University of Miami

Coral Gables, FL

- Led weekly lab sessions with 30+ students for the course CSC115: Python Programming for Everyone.
- Graded assignments and projects, providing feedback to enhance student learning.
- Held regular office hours to assist students with course concepts and assignments.

XR Software Developer

Oct 2023 – Present

The Virtual Experiences Simulation Lab

Coral Gables, FL

- Develop immersive VR and AR applications using Unity Engine and C.
- Collaborate with researchers and designers to build simulations solving real-world challenges in virtual environments.

Discord Moderator

Jan 2024 – Present

University of Miami Esports

Coral Gables, FL

- Managed and moderated the official Discord channel, ensuring a safe and inclusive community.
- Organized events, facilitated discussions, and scheduled competitive matches for esports teams.

PROJECTS

Applied Behavior AR Program | C#, Unity, Vuforia, Android

Sep 2024 – Present

- Built an AR-based Android application that automates psychology experiments using image recognition.
- Designed and implemented user interactions where children select cards based on 3D models.

Student Management System | Python, Django, SQL, HTML, CSS, JavaScript, Git

Aug 2023 – Present

- Developed a web application to manage student information and take attendance for classes.
- Implemented user authentication, data storage, and dynamic web pages using Django and SQL.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, Django

Developer Tools: Git, Docker, Unity

Libraries: Pandas, NumPy, Matplotlib, Tensorflow

Languages: English(native), Chinese(native), Japanese(fluent)