

# Anooj Vadodkar

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## EXPERIENCE

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### Lead Engineer

Sep. 2023 – Present

Courier: Dragons Within | Los Angeles, CA

- Writing and integrating C# code to handle conversation implementation for our narrative team.
- Onboarding new tea
- Created a bug tracking list on Notion for team members to report bugs during playtests.

### Webmaster

Sept. 2020 – Present

Student Game Developer's Alliance | Remote

- Maintaining the website for the Student Game Developer's Alliance.
- Servicing the website to include information about seasonal events (i.e., SGDA Summit).
- Participating in weekly scrums to gauge progress.

### Undergraduate Research Assistant

Jan. 2022 – May 2022

UC Merced Earth And Remote Sensing Lab | Merced, CA

- Aggregated field data for lab research conducted by graduate students in the lab.
- Utilized GDAL Python libraries to convert coordinate data to a WebODM friendly format.
- Created a guide document for the Headwall SpectralView software to assist future research assistants.

## PROJECTS

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### Project Blackjack

June. 2022 - Aug. 2022

Remote

- Tracked task completion and timeline using Trello as the project Producer.
- Implemented the story and menu of the game using the Unreal 5 Blueprint System.
- Planned the story and means of interaction as one of the narrative designers.

### Quantum Slasher

Nov. 2020 – Dec. 2020

Remote

- Created a top-down slasher using the SOIL library in C++.
- Utilized the Object-Oriented Programming principles of inheritance, polymorphism, and virtual functions to create the various enemies of each level.
- Worked with Sprite Sheets in order to make the entities in-game animate while moving.

## EDUCATION

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**University of Southern California** | M.S. in Computer Science (Game Development), May 2025

- Relevant Coursework: 3D Graphics and Rendering, Game Design Workshop

**University of California, Merced** | B.S. in Computer Science, May 2022

- Relevant Coursework: Algorithm Design and Analysis, Intro to Object Oriented Programming

## SKILLS

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Unity | Godot | C++ | SQL | Unreal Engine | Java | Git | Python | Technical Writing | Narrative Design