

Colin Samuel O'Rourke

Designer / Programmer

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Education

BS Computer Science: Game Design • University of California, Santa Cruz • Graduation Spring 2022

Notable Coursework

Computer Science: Data Structures | Intro to Algorithms | Parallel Programming

Game Design: Systems Design | Visual Communication Design | Interactive Narrative
Business of Games | Game AI



Portfolio: ColinSOR.com

Self-Created site to showcase my best games



Senior Capstone Project

Served as Producer/Director on a team of 11, developing a networked arena game with card mechanics in Unity. Conceptualized and built a prototype, which I pitched to classmates, and successfully recruited a team of 11. Developed a production plan, and distributed responsibilities to match individual's skills & interests. Managed the execution, tracking progress and adapting plans to solve problems on a weekly basis. Completed a MVP in ~5 months, available on [litch](https://litch.io).

Technical Skills

Languages: Proficient in C, C#, Javascript, familiar with HTML/CSS, Java, Python, C++ and Swift

Frameworks: Proficient in Unity and Phaser game engines, familiar with Node.js

Tools: Experience using Git & Github, programming spreadsheets, using a variety of IDEs.

Certifications: AWS Solutions Engineer

Work Experience

Capital One Associate Software Engineer 2022-Present

In the Capital One Technology Development Program, currently on first rotation as a Data Engineer.

UC Santa Cruz Course Reader & Tutor 2021-2022

Invited by a professor to grade assignments and assist students based on my previous demonstrated ability to mentor peers in complex programming topics.

ID Tech Virtual Tech Camp Instructor Summer 2021

Taught beginning students introductory programming principles in Javascript and Python in week-long courses

Santa Cruz County Poll Worker - 2020 Election 2020

Volunteered to assist voters and enforce COVID-19 protocol at a Santa Cruz County polling site

Summer Academy Peer Mentor - UC Santa Cruz Employee Summer 2019

Advised incoming UCSC freshmen on academic planning, college life, and university resources.
Organized educational and social activities.