(530)-563-7255

lancecontract@gmail.com

https://lanceroyy.github.io/Lanceroy/

Lance Roller

Adaptable software and game developer with a strong foundation in programming, cloud computing, and user-centered design, complemented by experience in customer service, teaching, and tutoring. Skilled in C#, Unity, Python, Angular, and SQL, with certifications in AWS Cloud Practitioner and CompTIA Project+. Combining technical expertise and a background in Software Engineering and Psychology to deliver innovative, human-centered solutions.

April 2024 – March 2025

B.S. in Software Engineering
Western Governors University

- Programming / Developing
- Application Building
- Information Technology
- Troubleshooting

Graduated April 2019

B.S. in Psychology
Capella University

- Psychology Studies
- Concepts of Behavioral and Cognitive therapy.
- Psychological Research

Graduated May 2018

A.S. in Communications
Sierra College

- Communication Studies
- Interpersonal, Team, and Intercultural Communications
- Public Communications

Credentials

- AWS Certified Cloud Practitioner
- CompTIA Project+
- Git Essentials
- Programming Hub Kotlin and Python

2021 - Present

Game Developer
Lanceroy Productions

Solo-developed a full-fledged indie game called "Fox Trot" from start to finish, which was successfully released on multiple platforms, including Android and Windows. Throughout the development process, I utilized Unity Engine and C# to create and maintain game features, ensuring seamless gameplay, intuitive player controls, and effective AI behavior. I also integrated third-party APIs for analytics, leaderboards, advertisements, and in-app purchases to boost player engagement and monetization. Additionally, I collected and analyzed user feedback, driving iterative improvements that enhanced the overall player experience.

Additional Experience
- Delivery Driver at DoorDash & Amazon (2020 – 2022)
- Server at Diego's Restaurant (2020 – 2021).
- Barista at Starbucks (2020 – 2020).
- Online ESL Teacher/Tutor (2018 – 2020).
- Best Western Front Desk (2017 – 2018).
- Security Officer
- United States Air Force Communications Intelligence

Skills
- **Programming Languages**: C#, Python, JavaScript, LUA
- **Frameworks/Libraries**: .NET, Angular, Unity, SQL, MySQL, PostgreSQL
- **Databases**: SQL, MySQL, PostgreSQL
- **Cloud Computing**: AWS (Cloud Practitioner)
- **Game Development**: Unity
- **Web Development**: HTML, CSS, JavaScript, Angular, Front-end, Back-end
- **Mobile Development**: Android
- **Software Engineering**: Software Engineering, SDLC (Agile, Waterfall), CI/CD, Version Control (Git, GitLab, Github)
- Data Management: Databases, SQL, MySQL, PostgreSQL
- **APIs**: PlayFab APIs
- **AI**: AI Prompts
- **DevOps**: CI/CD
- **UX Design**: User Experience (UX) Design, Human-Centered Design
- **Software Testing**: Software Testing, Quality Assurance, Debugging