

Mikaela (Kelly) Carino

Software Engineer | Game Programmer

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Portfolio: mikaelacarino.com

GitHub: github.com/mikellykels

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Summary

Experienced Software Engineer and Game Programmer with a passion for playing and developing engaging, high-quality games. Adept at collaboration and teamwork across departments and disciplines, communication, problem-solving, continued learning, and 3D math. Seeking to leverage my technical skills and adaptability in a challenging role.

Skills

Programming Languages/Frameworks: C++, JavaScript, TypeScript, React, Python, Django, HTML, CSS

Tools/Platforms: Unreal Engine, Git, GitHub, JIRA, Visual Studio, Visual Studio Code, Adobe Photoshop and Illustrator, Maya

Game Development: Player Movement, Animations, Enemy AI, Level Design, Weapons & Combat, User Interface, 3D Math

Soft Skills: Strong teamwork and communication abilities, team and cross-team collaboration, exceptional problem-solving skills, ability to learn and adapt quickly, driven and self-motivated

Projects

Steampunk-themed RPG - C++, Unreal Engine 5

- Solo developer for this ongoing steampunk RPG. Contributions include a comprehensive equipment system, dynamic attack mechanism, detailed player stats, enemy AI, UI elements, character movement mechanics, and level design.
- **Vimeo:** <https://vimeo.com/mikellykels/steampunkrpg> **GitHub:** <https://github.com/mikellykels/RPG>

Tantrum - C++, Unreal Engine 5

- A competitive racing game, completed in 12 weeks during my coursework at CG Spectrum. The game features obstacle navigation and power-up usage. My contributions include an interaction system, power-up system, equipped item system, pause and resume menu, sound effects, and various improvements/additions to the existing codebase and game systems to work with my contributions.
- **Vimeo:** <https://vimeo.com/mikellykels/tantrum> **GitHub:** <https://github.com/mikellykels/Tantrum>

Lux Labyrinth - C++, Unreal Engine 5, Maya

- Entry for a 3-week Game Mechanic Challenge where you need to get a ball through a hoop, hosted by CG Spectrum. Solo developer on this project incorporating the main mechanic, health system, quest/task list system, section light-up system, enemy AI, and level design. The hoop was made in Maya.
- **Vimeo:** <https://vimeo.com/mikellykels/luxlabyrinth> **GitHub:** <https://github.com/mikellykels/LuxLabyrinth>

Project E - C++, Unreal Engine 5

- Lead programmer on an ongoing team project with 9 other members (2 of us on the Programming team). Current contributions include character movement/inputs, implementing a combat and inventory system, and managing the GitHub repository. Collaborate closely with art and design team members to integrate gameplay features.

Relevant Experience

Lightstep - Software Engineer - San Francisco, CA (Remote) - June 2022 - Present

- Develop and implement features for Notebooks and Change Intelligence.
- Collaborate closely with design teams to translate designs into frontend displays using tables and charts.
- Serve as a Milestone Owner on rotation, leading Jira epics and projects from start to finish for the frontend.
- Conduct end-to-end tests and unit tests, maintaining code quality and functionality.

Sentry - San Francisco, CA - March 2017 - June 2022

- **Software Engineer** - March 2021 - June 2022
 - Streamlined customer workflow by implementing issue triaging, alert notifications, and application health stats.
 - Improved user experience by integrating design enhancements relevant to developers and teams.
 - Conducted acceptance and unit tests, participated in code reviews, and managed projects through Jira tickets.
 - Fixed bugs identified through GitHub issues, support requests, or internal channels.
 - Authored technical documentation for new feature releases.
- Progressed through roles of increasing responsibility at Sentry:
 - **Senior Support Engineer** - July 2019 - March 2021
 - **Support Engineer** - March 2017 - July 2019

Education

San Jose State University - Bachelor of Arts in Art and Design Studies
2013 - San Jose, CA

Certifications/Courses

CG Spectrum - Game Programming (C++ and Unreal Engine)
2022-2023 - Online

Coding Dojo - Backend Web Development
2016 - Online