

Emmalie Cole, Full Stack Engineer

Remote, United States of America, emmalie.cole@gmail.com

LINKS

GitHub, LinkedIn, Personal Portfolio

PROFILE

Software engineering student with a strong foundation in secure software design, system analysis, and technical writing. Experienced in software security assessments, system architecture, and full-stack development with a focus on efficiency, scalability, and risk mitigation. Adept at analyzing business and technical requirements, designing robust solutions, and producing clear, structured documentation. Passionate about AI, automation, and optimizing software systems for performance and security. Proven ability to collaborate across teams, lead projects, and drive innovation in complex technical environments.

EMPLOYMENT HISTORY

2024

Electronic Arts Software Engineering Virtual Experience
Program, Electronic Arts

- Proposed a new feature for the Sims 4 and wrote a Feature Proposal describing it to other stakeholders.
- Built a class diagram and created a header file in C++ with class definitions for each object.
- Patched a bugfix and optimized the Sims 4 codebase by implementing an improved data structure

2005 — Present

Alpha/Beta Game Tester, Freelance

- Conduct comprehensive alpha and beta testing for a wide array of video games, effectively identifying and resolving critical glitches and exploits to enhance user experience.
- Collaborate closely with multidisciplinary development teams to ensure optimal game performance and player satisfaction.
- Provide detailed analytical reports and actionable feedback on gameplay mechanics and functionality, contributing to the successful launch of high-quality games.
- Providing detailed feedback to development teams

EDUCATION

Oct 2021 — Dec 2026

Bachelor of Science, Computer Science & Software Engineering,
Southern New Hampshire University

Remote

Sigma Alpha Pi Member

Oct 2021 — Dec 2023

Associate of Arts, Liberal Arts, Southern New Hampshire
University

Remote

SKILLS

Git

C++

Java

MySQL

Python

JavaScript

HTML & CSS

Adaptability

Leadership

Communication

Decision Making

Time Management

LANGUAGES

English

Native speaker

Russian

A2

COURSES

Nov 2023

Introduction to Computer Science & Programming Using Python,
Massachusetts Institute of Technology