

Lauren Collins

Software Developer

As a Software Developer, I bring a strong foundation in full-stack development. I excel at breaking down complex technical concepts, contributing to project management, and collaborating with teams to deliver effective solutions. Passionate about continuous learning and driven to support the success of projects with a results-focused and proactive approach.

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SKILLS

CSS

HTML

Python

C++

Agile Development

Unit Testing

SQL

EDUCATION

Applied Computer Science

University of Colorado - Boulder

01/2024 - Present

Remote

Courses

- Data Structures (A-), Software Development Methodologies (A), Information Visualization (A-)

Teaching and Learning - Mathematics (GPA 3.08)

University of Houston

01/2017 - 05/2020

Houston, Tx

PERSONAL PROJECTS

Rivest-Shamir-Adleman Algorithm (01/2024 - 05/2024)

- A Python program that implements the Rivest-Shamir-Adleman (RSA) algorithm to securely encrypt and decrypt messages.

Invest in Moms for Smarter Kids (05/2024 - 08/2024)

- Designed and developed a Python-based visualization system.

BookBag (05/2024 - 08/2024)

- Full-stack web application built with a team of developers on Falk framework.

COMMUNITY INVOLVEMENT & VOLUNTEER WORK

Admin

Virtual Coffee

07/2023 - Present

Remote

Tasks/Achievements

- Facilitated 2-hour meetups to teach full-stack development skills through hands-on coding exercises and real-world projects.
- Collaborate with participants on the job hiring process , providing guidance on resumes, portfolios, and interview preparation.
- Fostered a supportive learning environment , encouraging peer collaboration and continuous skill improvement.

Workshop Lead

Codebar

06/2024 - Present

Shanghai

Tasks/Achievements

- Organized and facilitated coding workshops , mentoring participants on software development principles and best practices.
- Collaborated with community members and stakeholders to design inclusive, beginner-friendly workshop content.
- Monitored participant progress , giving constructive feedback and tailored support to address individual learning needs.