

Lauren Collins

Technical Program Manager

Leveraging full-stack development expertise and a background in mathematics education, I specialize in managing technical projects, simplifying complex concepts, and leading teams to achieve successful outcomes. Committed to driving program success with enthusiasm and a results-oriented approach.

✉ lauhc0511@outlook.com

📍 New York, United States

🌐 [linkedin.com/in/laurencollins1190](https://www.linkedin.com/in/laurencollins1190)

📞 7572894029

🌐 www.laurencollins.dev

🐙 github.com/LaurenC2022

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.