

# Luis Rosario

Fort Worth, Texas | [luisrosarioalers@gmail.com](mailto:luisrosarioalers@gmail.com) | [Github Profile](#) | [luisrosarioalers.com](http://luisrosarioalers.com)

## EDUCATION

### Harmony School of Innovation - Fort Worth

Graduation Year - 2027

- GPA: N/A, Class Rank: N/A

## TECHNICAL SKILLS

**Programming Languages:** Python (Proficient), Java (Intermediate), C++ (Beginner), SQL (Beginner), R (Beginner), Rust (Beginner)

**Software:** Git (Proficient), Pycharm (Proficient), Qt for Python (Intermediate), Miro (Intermediate) Jira (Beginner), Qt (Beginner), MySQL (Beginner), R Studio (Beginner)

**Spoken Languages:** Spanish (Proficient) English (Proficient)

## PROFESSIONAL & TECHNICAL EXPERIENCE

### Code2College

2024 - Present

#### *Participant - Elite 101*

- Invited and selected to participate in technical internship preparation program
- Learned introductory programming concepts, including Git, Jira ticketing, team collaboration through Miro, Source Control, and basic software testing concepts
- Developed a technical project using Python, i.e., a simple Chat Bot that simulates a conversation with a user

#### *Participant - Software Development Essentials*

- 9-week web programming course including basic and advanced Python concepts
- Developed several technical projects in Python using intermediate concepts
- Attended professional development workshops to improve time management, professional skills, and technical portfolio development

#### *Participant - Elite 102*

- 4-week project focused software dev course
- Developed a simulated banking application using intermediate/advanced Python concepts and MySQL database

#### *Participant - Embedded Systems*

- 9-week embedded systems programming course in C++
- Developed Infotainment dashboard for Raspberry Pi
- Learned low-level system concepts including Pulse Width Modulation (PWM), GPIO control, and hardware interrupts

#### *Participant - Cyber Security*

- Learned proper risk-assessment methodologies (Quantitative/Qualitative assessments)
- Learned social engineering concepts and how to protect against them (Pretexting, spear phishing, etc.)
- Learned how to identify and mitigate vulnerabilities in order to prevent successful cyber attacks

### Child Poverty Action Lab

#### *Code2College Intern - Junior Data Analyst*

- Worked with R Studio and Pycharm to build efficient data pipelines
- Developed dashboards using Shiny to build aesthetically pleasing and useful data visualizations

### Personal Coding Projects

2024 - Present

#### *Python*

- Developed a music quizzing program using Python, focusing on note identification with fundamental loops and conditionals
- Built a graphing program in Python that used matplotlib and Google Sheets API to dynamically update figures based on sheet data
- Engineered a carbon calculator application that used the OpenWeatherMapAPI for real-time weather data and Qt for Python, allowing individuals/businesses to track their carbon footprint

## AWARDS

A Honor Roll

2025

A Honor Roll

2026

Highest SAT Score school-wide (1500)

2026

