EDGARDO PAZ-ROMERO

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5922 Royal Fern Road, Allentown, PA 18104

EDUCATION

Temple University   Aug 2024 – May 2028
Bachelor of Science in Computer Science, GPA: 3.79   *Philadelphia, PA*

TECHNICAL SKILLS

Languages: Python, Java, C, SQL
Cloud & DevOps: AWS, Linux/Bash, Git, Docker, Akamai Cloud
Backend & Frameworks: Flask, SQLite, Selenium

PROJECTS

AWS Serverless API & CLI Tool
- Architected a serverless **AWS Lambda** backend reducing idle compute costs via event-driven execution.
- Deployed a RESTful API via **AWS API Gateway** with strict IAM roles for least-privilege security.
- Built a Python CLI client to consume the API and parse JSON responses for real-time output.

Flashcard Web App
- Engineered a full-stack app optimizing SQL queries to achieve <**200ms response times**.
- Designed a responsive UI using **CSS Grid/Flexbox** to directly improve user study efficiency.
- Implemented full CRUD features and input validation to ensure **100% data integrity**.

Wiki Race Bot
- Built an automated web-crawler using **Semantic Search (SBERT)** to predict relevant navigation links.
- Optimized pathfinding algorithms to minimize HTTP requests and significantly reduce page hops.
- Implemented error handling for dynamic pages to ensure uninterrupted execution stability.

EXPERIENCE

Linneman Associates   Remote
Web Consultant   *Jun 2025 – Present*
- Maintain Wix sites serving **thousands daily**, ensuring accuracy and **99.9% uptime**.
- Implement content/design updates, improving **usability and client satisfaction**.
- Translate business needs into technical changes with **faster turnaround**.
- Troubleshoot layout/configuration to **minimize downtime** across sites.

Altheros Capital   Remote
Front-End Developer Intern   *Sept 2025 – Dec 2025*
- Built and maintained **React.js components** using **JSX** and standard CSS to deliver responsive user features.
- Translated **Figma designs** into responsive React interfaces, accelerating the design-to-deployment process.
- Created **mobile-friendly, accessible layouts** that improved usability across devices.
- Supported **agile workflows** through reviews, testing, and standups to improve collaboration.

Zom Technologies   Remote
Software Engineer Intern   *May 2025 – Aug 2025*
- Developed responsive user interfaces in **React with TSX**, enhancing mobile usability.
- Linked frontend with **mock APIs**, ensuring consistent **real-time data handling**.
- Partnered with designers to streamline workflows, **reducing clicks** for key tasks.
- Documented **test plans** that de-risked future deployments.

VOLUNTEER WORK

Tyber Medical   Bethlehem, PA
Volunteer   *Jan 2024 – Feb 2024*
- Packaged hundreds of sterile surgical components with 100% quality compliance.