Koriel Lopez

Software Engineer

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Education

University of Texas Rio Grande Valley
B.S. Computer Science   May 2025   GPA: 3.73
Languages: Python, JavaScript, Ruby, C++, HTML, CSS
Coursework: Algorithms & Data Structures, Internship in Computer Science, Mathematical Foundation of CS, Obj Oriented Prog in Python, Prog in UNIX/Linux Env, Software Engineering I, Organization of Program Lang, Web Development, TopCS: UX/UI Programming, Automata Formal Lang & Comp, Database Design & Implement, Computer Networks

Galveston College
A.S. Computer Science   July 2023   GPA: 3.64
Languages: Python, C++, Java
Coursework: Engineering Computer Science I, Computer Science I, Computer Science II, Computer Org & Assembly Lang

Work Experience

Pacific Northwest National Laboratory
Position: Software Developer Intern   August 2023 – November 2024
- Worked with React TS, Figma, & Docker to implement a new DataHub website
- Learned OpenAPI Specification to outline a Python API for the new DataHub website
- Used Cypress for web testing dev sites

University of Texas Rio Grande Valley
Position: Work Study   June 2022 – August 2023
- Used One45 API documentation to make calls & generate reports
- Designed and built a Python tkinter GUI for the report generator

Certifications

Google Data Analytics
Foundation: Data, Data, Everywhere   Jan 2024

Projects

The Brew	[Hackathon]	https://github.com/lopezkor000/the-brew
One45-Reporter	[Work Project]	https://github.com/lopezkor000/One45-Reporter
Huffman Codes	[Coursework]	https://github.com/lopezkor000/project-4-huffman-codes

Website: https://koriel.net