

# HECTOR R. RODRIGUEZ LOPEZ

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[GitHub](#) | [LinkedIn](#)

## Summary

Aspiring software developer with a robust background in operations management, transitioning into software development with a focus on programming languages including C, TypeScript, and Python. With hands-on projects at Holberton Coding School, I have honed my skills in software development, showcasing my ability to adapt and learn rapidly. Eager to apply my project management experience and newly acquired programming skills to contribute to your team.

## Skills

- **Programming Languages:** C, Python, JavaScript, TypeScript, C#.
- **Frameworks and Libraries:** React, Node.js, vito; willing to learn Angular.js and Vue
- **Databases:** Familiarity with SQL; adaptable to MySQL, PostgreSQL.
- **Testing:** Unit and end-to-end testing
- **Project Management:** Successfully led a team of 4 developers to create a fast and secure disaster payments product. Previous experience in leading a team of 3-4000 operators across 5 regions for Lionsgate.
- **Communication:** Bilingual in English and Spanish.
- **Software:** MS Office 365 (Word, PowerPoint, Excel)

## Experience

### Holberton Coding School, San Juan, PR

May 2023 - March 2024

Certificate in *Fullstack Software Development (Project-Based Learning)*

- **Frontend Development:** Contributed to the development of Project H- Redfield Insurance using React and TypeScript, focusing on enhancing user interface and experience.
- **Team Collaboration:** Worked alongside a team of developers, demonstrating strong coordination and leadership skills to meet project deadlines efficiently.
- **Projects:**
  - **Project H- Redfield Insurance:** Engaged in the full lifecycle development of a disaster payments product, focusing on frontend development with React and TypeScript. Collaborated with a team to ensure timely and effective project completion.
  - **Airbnb Clone:** Part of a team that developed a clone of Airbnb, focusing on backend and frontend integration using Python, SQL, HTML, CSS, and implementing RestAPIs to enhance user experience.
  - **21st Century Techforce:** Developed a chatbot capable of answering questions related to the Puerto Rico Census data. This project will use AzureOpenAI and Python for the backend, HTML and CSS for the frontend, and JavaScript for the API integration.

### Lionsgate Disaster Relief, Florence, SC

Regional Director of Operations

Operations Specialist

Jan 2017 - Nov 2019

Dec 2018 - Nov 2019

Jan 2017 - Dec 2018

- Led operational activities across multiple sites, improving warehouse management and resource allocation.
- Optimized supply chain efficiency and ensured reliability by managing supplier relations.
- Implemented operational improvements and automated processes to enhance efficiency and

supplier satisfaction.

## **CERTIFICATIONS**

**21st Century Techforce Coding Challenge**

**Apr 3, 2024**

### **Education**

**Holberton Coding School, Santurce, PR**

Certificate in Cyber Security, Jan 2025 - Current

**Holberton Coding School, Santurce, PR**

Certificate in Fullstack Software Development, May 2023 - March 2024

**Universidad InterAmericana de Puerto Rico, Bayamon, PR**

Coursework towards Bachelor's in Videogame Design and Development, 2014-2017

**Universal Career Community College, Manati, PR**

Certificate in Computer Maintenance and Repair, Jan 2012