

Yuvan Rengifo

201-665-5833 | [LinkedIn](#) | [GitHub](#) | yuvan.rengifo@gmail.com

EDUCATION

Stevens Institute of Technology | Hoboken, NJ

May 2026

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures & Algorithms, Discrete Structures, Theory of Computation, Computer Architecture and Org, Operating Systems, DevOps practices, System Programming, Database Management Systems, Web Programming, Enterprise Software Architecture, Computer Vision, Deep Learning.

EXPERIENCE

Handshake

January 2026 – May 2026

Systems / Software Developer

- Developed high-quality “golden solutions” for non-trivial engineering tasks, solving bugs and implementing features designed to challenge LLMs
- Identified and constructed challenging code scenarios that expose limitations in current LLMs, improving robustness of evaluation benchmarks
- Built reproducible Docker environments to execute and validate repository test suites, improving consistency across diverse tech stacks

GenForce

August 2024 – March 2025

Software Engineer Intern

- Developed a .NET desktop application to automate material extraction and cost estimation for solar panel projects, cutting manual processing time by approximately 45%.
 - Integrated a pricing wizard that enabled dynamic cost tracking, helping reduce pricing inconsistencies by around 35%.
 - Tracked development progress across the team and helped maintain project momentum, contributing to on-time delivery of the MVP within a 6-month sprint cycle.
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PROJECTS

UCNow – Crime Analysis Web Application

April 2025

Lead Developer

- Led sprint planning, structured the codebase, and documented architectural decisions, streamlining onboarding and team collaboration over the course of the project.
- Built a full-stack web platform for visualizing NYC crime data and collecting user-submitted reports, significantly improving access to timely public safety information.
- Implemented interactive charts and filtering tools for crime trends, alongside a secure reporting system with validation, moderation, and optional suspect descriptions.

AI-Powered Job Matching Platform

February 2026

Developer

- Developed a full-stack job matching platform using React, GraphQL, Node.js, MongoDB, Redis, and Docker, enabling employers to post jobs and job seekers to manage applications.
 - Designed and implemented GraphQL queries and mutations, backend data models, and input validation to support user authentication, job creation, filtering, and profile management.
 - Containerized the application with Docker and integrated cloud services including AWS S3 for resume storage while laying the foundation for AI-powered resume matching.
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SKILLS, AWARDS & INTERESTS

Programming: C++, C#, Java, Python, HTML5/CSS, JavaScript, SQL, Assembly, OCaml, Node.js, Git, Docker, PostgreSQL, Rust, Bash, PowerShell, Linux & Windows OS, AWS.

Professional Skills: Agile Scrum, CI CD practices, Problem solving, Time management, Adaptability, Networking and relationship building, Risk assessment and mitigation, Communication, Technical writing and documentation, Continuous learning, Application Development.

Awards and Honors: Stevens Deans List 2025, Problem Solving Certificate, Java Certificate, C++ Certificate, Java Script Certificate.

Languages: Spanish, English.

Activities: Stevens Technical Enrichment Program Member, Society of Hispanic Professional Engineers Member.