Richard Álvarez

rawalvarez731@gmail.com / GitHub / raulduke.com / Chicago, Illinois

About Me

Aspiring IT professional skilled in troubleshooting, user training, and maintaining technology systems. Experienced in optimizing workflows and delivering high-quality customer service. Passionate about empowering communities through technology, with a strong foundation in video production, programming, and technical problem-solving.

Education

New York University (NYU) Tandon School of Engineering   Brooklyn, New York
Master of Science in Computer Engineering   Aug 2025

Kenyon College   Gambier, Ohio
Bachelor of Arts in Film; GPA: 3.4/4.0   Aug 2020 – May 2024
Minor in History and Concentration in Integrated Program in Humane Studies

Authored two papers on machine learning applications in creative industries. Produced and edited over 15 experimental video projects, including music videos, audio-reactive visualizations, and short films.

Relevant coursework includes AI for the Humanities (IPHS 300), Advanced Post-Production (FILM 391), Data Structures and Program Design (SCMP 218), Digital Photography (ARTS 321), Sex, Drugs, Guns: Research Strategies in the Contemporary Age (INDS 140), and Software Development (SCMP 318).

Work Experience

LEGO STEM Instructor   Chicago, Illinois
Play-Well TEKnologies · Part-time   Oct 2024 – Dec 2024
Taught STEM-focused LEGO classes to children, introducing engineering and problem-solving concepts through hands-on activities. Managed classroom engagement, ensured safety, and adapted instruction to diverse learning styles. Communicated effectively with parents and staff to provide updates and address concerns.

IT Assistant   Gambier, Ohio
Library and Information Services (LBIS), Kenyon College · Part-time   Sep 2023 – Feb 2024
I supported campus-wide technology needs by preparing workstations, moving office tech, and securely erasing and recycling equipment. I restocked printers daily. I conducted classroom checks under the guidance of team members. I streamlined team projects by applying programming skills, in one instance by generating a spreadsheet of course meetings and classroom locations to determine when our techs could perform maintenance.

Research Assistant   Chicago, Illinois
University of Chicago · Part-time   Aug 2018 - Nov 2019
I worked under Bernard Dickens III on an academic paper proposing strategies to protect against supply-chain attacks and ensure file integrity using advanced checksum technologies. I attended monthly code reviews and contributed 27 commits to the repository.

Intercultural Montessori   Chicago, Illinois
Teacher's Aid   Apr 2019 – Feb 2020
Tutored students, facilitated programming learning, provided teacher support, and ensured effective communication and punctuality.

Certificates

CompTIA ITF+ Sep 2024
NYU Tandon Bridge Mar 2025

Skills

Child Safety and Supervision: Experience managing children in safe and engaging environments.
Curriculum Understanding: Knowledgeable in adapting educational content to meet the diverse needs of students.
Communication: Skilled in addressing concerns and updates with management, parents, and clients in a respectful manner.
Teamwork and Safety Adherence: Strong ability to work with teams to meet operational goals while maintaining safety standards.
Languages: English (Native), Spanish (Conversational)
Development: Python, JavaScript, C++, SQL, Bash scripting
Soft Skills: Customer service, documentation, troubleshooting, teamwork