Emily Portalatín-Méndez
Award-Winning Technology Professional

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TECHNICAL SKILLS

Frameworks, Languages, & Libraries:
HTML5, TailwindCSS/SASS, JavaScript, Go/GoLang, HardHat, NextJS, NodeJS, ReactJS, Redux, React Native, Python, Solidity, Supabase/Firebase, TensorFlow, TypeScript, Zod

Programming Tools & Platforms:
CoPilot, Digital Ocean, Docker, Git, GitHub, GitLab, JIRA/Confluence, Figma, Canva, Chrome, Google Cloud Platform (GCP), Google Gemini, Google CoLab, Netlify, Node Package Manager (NPM), Microsoft Suite, Mixtral, Replit, MacOS, iOS, ServiceNow, Windows, Wordpress, Vercel/V0, Visual Studio Code

EDUCATION

Baruch College, City University of New York
Master of Science, Information Systems (Cyber Security Concentration)
Aug 2025 - 2026 *(ongoing)*
New York, NY

City University of New York, Lehman College
Bachelor of Arts, Computer Science (Cum Laude)
Aug 2021 - Jun 2025
New York, NY
- Presidential Scholar (2021, 2022, 2023) • President, CUNY Digital Currency Initiative (2022) • President, Computer Science Club (2023) • Dean's List (2024)

WORK EXPERIENCE

Club Crochet
Web Developer (Part-Time, Contract)
Jun 2025 - **Present**
New York, NY
- Produced 3 major projects within 1 month while translating design concepts into visually pleasing and highly functional web pages and components.
- Manage project deliverables directly with the Founder/CEO, Operations Manager, and Lead Web Developer to create and execute design plans.
- Established further resources, integrations, and documentation for these newly introduced projects to enhance communication between teams.

Evrica Technologies, Inc.
Technology Manager (Full-Time, Contract)
Jan 2025 - Jul 2025
New York, NY
- Overseeing development of integrated blockchain technologies in SaaS web app using NextJS & TypeScript, including custom compliance solutions.
- Management of cross-functional, international team through Agile & SCRUM methodologies to ensure efficient and collaborative project execution.
- Spearheading AI-driven software development practices into the engineering culture, resulting in +50% productivity boost in 1 quarter.
- Constructed user stories based on client feedback and R&D for web app platform, focused on enhancing user experience and platform functionality
- Established team resources, onboarding documentation, and workflow processes for CI/CD pipeline management.

City University of New York, Lehman College
Lead Tutor, Computer Science Lab (Part-Time)
Feb 2023 - Dec 2024
Bronx, NY
- Teaching with DRY Principles, Comprehensive Testing Program (CTP), & other programming/teaching strategies resulting in 89.9% retention rate.
- Supported the Computer Science Lab directors by tutoring over 25 students per semester in computer science courses
- Fostered a strong understanding and application of key concepts in various programming languages: Python, Java, HTML/CSS, and JavaScript.

NASA | National Aeronautics & Space Administration
Software Web Developer III, Sure Secure Solutions (Full-Time)
Jun 2020 - Sep 2021
Huntsville, AL
- Office of NASA End-User Services for Innovation & Transformation (NEST) on project deliverables with impact on 50,000+ NASA database users.
- Managed distributed ServiceNow communications upon issuance of 25+ support tickets per month while contributing to user story developments.
- Developed onboarding and training materials for junior developers, introducing agile methodologies & software engineering best practices.

Arkham Storage, Inc.
Lead Software Engineer (Full-Time, Contract)
Aug 2017 - Feb 2018
Huntsville, AL
- Directed business development, technical documentation, and team onboarding processes to drive startup success during initial market launch.
- Utilized JavaScript, React.js, and Electron for Desktop App via Github and Google Cloud platforms to achieve company goals.

RESEARCH EXPERIENCE

Center for Smart Streetscapes
CoChair & College Representative, Student Leadership Council (Part-Time)
Apr 2024 - May 2025
Manhattan, NY
- Council liaison between student body and center leadership, representing undergraduate & graduate levels across all core partner institutions.
- Published 3 main policy goals to support open communication, leadership development, & create opportunities for collaboration among community.

Additional Work Experience History

- **Bold Motive Group**, **Technology Manager** (2018-2020: Full Time). Highlights: Research published to MIT Press & Media Labs, "Deep Learning with Biomimicry" (2019).
- **Urban Engine**, **Director of Operations** (2018-2019: Full Time). Highlights: Managed the International NASA Space Apps Challenge with 48+ million views worldwide.
- **Essnova Solutions, IT Systems Analyst** (Mar - Aug 2017: Full Time, Contract). Highlights: Geospatial information systems analytics managed within ServiceNow instances.
- **5 Star Signals Int'l, InfoTech Manager** (2013 - 2015: Full Time). Highlights: Financial education startup focused on novel services for underbanked communities.

City University of New York, Lehman College
Research Assistant, Trust Lab (Part-Time)
Jan 2023 - Apr 2025
New York, NY
- Contributed to 2 academic essays, adding to the advancement of knowledge in the field of public interest technology & data science.
- Provided literature reviews and peer feedback for Ph.D. representatives at the Center for Smart Streetscapes (CS3).

REU Scholar, Florida Atlantic University
Research Experience for Undergraduates, AI for Smart Cities, Summer 2023 (Internship)
Jun - Aug 2023
Boca Raton, FL
- Developed a social distancing application using object detection AI algorithm (YOLOv5) using Python, Ouster SDK, and Roboflow environments.
- Deployed a community web application serving current and future student internship generations, including 40+ manually sourced local activities.

Data Scientist Fellow, Columbia University
Public Interest Technology Data Science Corps (Internship)
Jun - Aug 2022
Manhattan, NY
- Led a team of interns on their first real-world impact project, ensuring successful delivery of cleaned data using OpenNYC metrics.
- Pioneered development of front-end architecture, laying the foundation on the web application for the NYC Community Board.
- Management of communications on budgets exceeding $1M per district, driving visually appealing user experiences for 2 districts in Brooklyn, NY.

PUBLICATIONS

- Portalatin-Mendez, E., & Doe, J. (2019). Deep Learning with Biomimicry. Journal of Design and Science. Retrieved from https://jods.mitpress.mit.edu/pub/d8an1bja
- Walter, H., Portalatin-Mendez, E., Grimalovsky, M., Smith, B., Laird, J., & Ortiz, J. (2024). Enhancing Urban Data Analysis through Large Language Models: A Case Study with NYC 311 Service Requests. Human LLM Interaction. HRI-24 Workshop. Retrieved from https://human-llm-interaction.github.io/workshop/hri24/papers/hllmi24_paper_11.pdf

INDEPENDENT PROJECTS

- **Social Distancing App,** Florida Atlantic University
  A computer vision model detecting and classifying objects in real-time, trained on +1k images.

- **Team Empower,** Columbia University
  Bridging the disclosure gap between two Brooklyn community boards and their communities with ReactJS.

- **Evrica Intelligence Demo,** Evrica Technologies
  Governance for both business and personal asset management. Designed the public-facing and internal platform user interface utilizing NextJS & TailwindCSS.

- **Splytto Blockchain Dapp,** ETH-NYC Hackathon
  Decentralized app for splitting crypto using Canva for design and ReactJS, NextJS, and Solidity for codebase.

- **Trust Score,** Build City (New York)
  Designed to bring transparency and reliability to reputation systems using blockchain technology. ReactJS + NextJS.

- **EcoBuddy.io,** Bold Motive Group
  Job search engine that utilizes AI and blockchain to process job listings & manage career growth for tech professionals.

- **Pixel Parker,** Independent Project
  Designed and deployed a digital portfolio based on a fictional superhero character. Built with ReactJS, SASS, & Netlify.

- **Wordle App,** Independent Project
  Created a mini version of the Wordle application. Users can guess the word search just like the original game.

- **Pokédex,** Independent Project
  A search app for Pokémon statistics. Designed using HTML/CSS & ReactJS.

CERTIFICATIONS

Program Management
- Google Project Management Certificate, 2023
- Agile Project Management, 2023
- Responsible Conduct of Research, 2023

Coding & Programming
- Fundamentals of Deep Learning with NVIDIA, 2023
- Node.js, 2022
- React Native, 2022
- API Development, 2022
- JavaScript Data Structures & Algorithms (300 Hours of Coursework), 2020
- Scripting in ServiceNow Fundamentals, 2021

PROFESSIONAL AFFILIATIONS

Center for Smart Streetscapes (CS3)
- Lehman Representative, Student Leadership Council (2024-2025)
- Co-Chair and Lehman Representative, Student Leadership Council (2023-2024)

HSF Scholar
- 3x alumni of the Hispanic Scholarship Fund

Microsoft Community
- Learning PowerBI in the Microsoft Community

Women Techmakers by Google
- Earned badges as a Google Developer

Women Who Code
- Chapter Director & Legacy Leader (2018 - 2021)

AWARDS

- **17th Annual Student Scholars Conference (2025)** — *"Best Oral Presentation" - Office of Prestigious Awards and Student Research Advisory Board, Lehman College.*
- **CUNY Lehman College Dean's List (2025)** — *Earning 12 or more credits with a Grade Point Average (GPA) of 3.5 or above.*
- **IEEE Women in Services Computing (2024)** — *A commitment to growing the technical community of women in services computing worldwide.*
- **Blackstone Launchpad Pitch Competition (2023)** — *Grand Prize Winner in Pitching Competition, demonstrating EcoBuddy.io - an AI job search tool.*
- **ETH New York City Hackathon (2022)** — *Sponsored Winner in global competition for building Splytto blockchain app.*
- **Blackstone IDEAS Competition (2022)** — *Campus-Round Winner in Pitching Competition, demonstrating leadership and public speaking skills.*
- **Presidential Scholar (2021, 2022, 2023)** — *A designation when student meets all qualifications & exceeds the GPA requirement for Dean's list.*
- **HudsonAlpha Tech Challenge (2017)** — *Grand Prize Winner for designing and programming a Biometric Authentication Blockchain Solution.*