

Alexandra Mallqui

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Education

Kean University

BA Computer Science & BA Political Science, GPA 3.95/4.0

Union, NJ

May 2025

Relevant Coursework: Artificial Intelligence, Computer Vision, IT Project Management, Data Structures and Algorithms, Computer Systems, Software Engineering, Technical Writing

Honors & Distinctions: Dean's List (All Semesters, 2020–2025), Educational Opportunity Fund (EOF) Scholar, First-Generation College Graduate, Summa Cum Laude

Technical Skills & Projects

Languages: Java, Python, TypeScript, JavaScript, HTML, CSS

Frameworks & Tools: React, Vite, Tailwind CSS, Node.js, GitHub, GitHub Pages, Vercel

Project & Productivity Tools: Monday.com, Microsoft Excel, Visio, Office 365

Concepts: Software Engineering, Data Structures & Algorithms, Agile/Scrum, UI/UX Basics

Languages: English (native), Spanish (native/bilingual), Korean (conversational)

CatScan — iOS AI Classification App: Senior Capstone Project

- Developed a mobile application that uses machine learning to classify cat breeds from images
- Trained and evaluated convolutional neural networks using Python and PyTorch/TensorFlow
- Converted trained models for mobile deployment using ONNX and CoreML
- Collaborated in an agile team environment, managing sprints, deliverables, and documentation
- Designed user-facing features with accessibility and usability in mind

Hawk Island Marina Management System: Software Engineering Team Project

- Led development of a full-stack marina management system to replace paper-based workflows
- Translated real client needs into user stories, backlog items, and functional requirements
- Built customer-facing features to improve scheduling, inventory tracking, and communication
- Emphasized inclusive design and clear documentation for non-technical stakeholders

Personal Portfolio Website

- Designed and deployed a responsive personal portfolio using React, Vite, and Tailwind CSS
- Deployed live using GitHub Pages and Vercel with CI/CD-style workflows
- Implemented clean UI, modular components, and modern web best practices.

Relevant Experience

AFFILIATED MONITORING

Union, NJ

Project Management Intern

Jun 2024- Aug 2024

- Assisted in the creation of their Project Management Office by implementing workflows and processes on Monday.com, which were adopted by leadership.
- Developed automated forms and processes to streamline project management tasks, enhancing efficiency and reducing manual errors.
- Received recognition from the leadership team for contributions during the organizational restructuring initiative.
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UNIQLO

Kearny, NJ

Escalations Manager

Jun 2020- May 2024

- Provided leadership and guidance to call center agents while maintaining high customer satisfaction
- Resolved escalated customer issues and ensured consistent service quality
- Contributed to the development of Uniqlo's AI chatbot and supported its transition toward a direct retail platform