Eric Carminio

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EDUCATION

Kean University — Union, NJ
Bachelor of Arts in Computer Science, Minor in Business — *Sep. 2023 – Dec. 2025*

EXPERIENCE

Systems Coordinator — Sep. 2023 – Present
Green House Preschool and Kindergarten Inc. — *Fort Lee, NJ*
- Created a Client Relationship Manager (CRM), Inventory tracker, PTO requests portal, and Maintenance request portal in one system with web and mobile components to communicate with clients and staff more efficiently.
- Maintained accurate tracking spreadsheets to improve reporting reliability and day to day operational visibility.
- Created and documented processes and procedures to streamlined recurring workflows and reduce errors.
- Delivered photography services that supported school branding and improved the quality of marketing materials.
- Managed social media accounts to increase engagement and maintain a consistent online presence.
- Maintained and updated the school website to ensure accurate information and a professional public image.
- Drafted clear communications to parents on behalf of the director.

UX Design Intern — May 2025 – Aug. 2025
MARCo Health Inc. — *Jersey City, NJ*
- Analyzed competitor products to identify gaps, leading to targeted product improvement recommendations.
- Analyzed latest AI-interaction research and recommended changed based on findings.
- Synthesized customer feedback into actionable insights, driving ideas for future feature development.
- Collaborated with a CAD designer on a new hardware product line.
- Reviewed client shared conversations and worked with the Director of Clinical Services to design safety focused pop ups and user flows, improving risk awareness and compliance.
- Initiated a redesign of the client on-boarding flow, streamlining early user experience and reducing friction.

UI/UX Intern — May 2024 – Aug. 2024
MARCo Health Inc. — *Jersey City, NJ*
- Analyzed AI interaction research to identify usability gaps and guide design decisions.
- Gathered post deployment customer feedback to inform product improvements.
- Created use case personas to clarify user needs and prioritize features.
- Collaborated with the AI team to design and refine multimodal chat interactions.
- Redesigned the company website in Figma and worked with developers to implement updates.

Undergraduate Research Assistant — Jan. 2024 – May 2024
Kean University — *Union, NJ*
- Applied computer vision models to drone imagery, enabling automated detection of algae blooms.
- Trained and evaluated machine learning models using training, testing, and validation datasets for reliability.
- Improved classification accuracy of deep learning models like ResNet.
- Presented research findings at the Great Minds in STEM conference in Fort Worth Texas.
- Analyzed results against standard evaluation procedures to validate model performance.

PROJECTS

FlowBase | *TypeScript, React, PostgreSQL, MongoDB* — Sep. 2025 – Dec. 2025
- Built a fullstack web and mobile app using React Native and Next.js with TypeScript, integrating Stripe payments, Mailjet email automation, a Prisma-backed REST API, and a responsive Tailwind CSS interface.

3B Behavior and Training | *Wix* — May 2023 – May 2023
- Created a website for a small business to book appointments and take payments.

TECHNICAL SKILLS

Languages: Java, JavaScriptTypeScript, Python, PHP, SQL (Postgres), HTML/CSS
Frameworks: React, NextJS, Flask
Developer Tools: Git, Google Cloud Platform, VS Code, MongoDB, APIs
Libraries: NumPy, Matplotlib, TensorFlow