

# Pablo Valdes

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## EDUCATION

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### Florida International University

Bachelor of Science in Computer Science

Expected May 2027

### Miami Dade College

Associate of Arts in Computer Science, GPA: 3.81

Expected July 2025

**Awards/Honors:** Presidential Scholar Program, AICE Graduate Student, Bright Futures Awardee

**Relevant Coursework:** C++ Prog, Java Prog 2, Discrete Mathematics, Statistical Methods, Data Structures & Algorithms

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, Python, Java, C++, SQL

**Software:** MERN (MongoDB, Express.js, React.js, Node.js), FastAPI, Postgres, S3, Redis, Java Spring Boot, AWS, Supabase, Web APIs, jQuery, Bootstrap, Tailwind CSS, Next.js, Postman, Figma, Redux, Zustand, Git, Docker, Nginx

## EXPERIENCE

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### NVIDIA

Incoming Software Engineer Intern

US, CA, Santa Clara  
May 2025 – Aug 2025

## PROJECTS

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### Practical Synth Theme

- A VS Code theme extension, now with 1500+ installs on the Visual Studio Marketplace

### General Planner Website (MERN Stack, Redux, CSS, HTML)

- Developed and deployed a Full-Stack REST API, tested backend API routes using postman, complete CRUD operations, designed using Figma
- Used file architectural patterns like MVC to make understandable and modular code
- Implemented authorization and authentication API routes, established role-based permissions

### Theoretical Stock Plays Website (Polygon.io Stock API, Next.js, TypeScript, Tailwind CSS)

- Developed a website to make theoretical stock plays based on defined actions
- Leveraged the polygon.io stock API to display stock charts and price data to streamline the process of creating theoretical stock plays for users to visualize

### iServer Website (Next.js, Clerk, MongoDB, Typescript, Tailwind CSS)

- Created an image uploading website secured by third party auth provided by Clerk, synced data via webhooks

### Portfolio Website (Next.js, Resend, Typescript, Tailwind CSS)

- Developed a portfolio website hosted on my own domain, implemented email sending with Resend and API routes, completely mobile responsive, dark mode

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

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### INIT Build Program

Advanced Web Dev Team

US, FL, Florida International University

Oct 2024 – Dec 2024

- Collaborated with a team of 4 other Web Developers to create a Full-Stack app, Ducky Pics, in 9 weeks
- Implemented the app's authentication and login system with Google OAuth and email code verification
- Developed frontend components/pages and secure backend routes with robust error handling in FastAPI

### CodePath TIP101, TIP102, WEB103

CodePath Student

Remote

May 2024 – Present

- Participated in 30 weeks of dynamically and collaborative programming with teams twice a week
- Refined technical problem-solving skills, communicating ideas, receiving and producing constructive feedback
- Led a team of 3 in creating a Full-Stack app, Errorly, in 3 weeks, assigned tasks via GitHub Issues and branches

### Management Leadership for Tomorrow (MLT)

Career Preparation Fellow

Remote

Jan 2024 – Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

## ADDITIONAL SKILLS AND INTERESTS

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Understanding of AI/ML concepts and Full-Stack Web Development. Interested in scalable systems and software