

Pablo Valdes

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EDUCATION

Florida International University Expected May 2027

Bachelor of Science in Computer Science

Miami Dade College Expected July 2025

Associate of Arts in Computer Science, GPA: 3.76

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

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

PROJECTS

Practical Synth Theme

- A VS Code theme extension, now with 1000+ 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

INIT Build Program Oct 2024 – Dec 2024

Advanced Web Dev Team

- 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

May 2024 – Present

Codepath Student

- Participated in 30 weeks of dynamically and collaboratively 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)

Jan 2024 – Present

Career Preparation Fellow

- 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

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