

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: Intro to C++ Prog, Java Prog, Java Prog 2, Discrete Mathematics, Statistical Methods

TECHNICAL SKILLS

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

Software: MERN (MongoDB, Express.js, React.js, Node.js) Full-Stack Web Development, Java Spring Boot, AWS, Supabase, Web APIs, jQuery, Bootstrap, Tailwind CSS, Next.js, Postman, Zod, Figma, Redux, Zustand, Git, Docker

PROJECTS

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

Practical Synth Theme

- A VS Code theme extension, now with 921 installs on the Visual Studio Marketplace

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Codepath TIP101, TIP102, WEB103

May 2024 – Present

Codepath Student: Completed / Enrolled in the following courses:

- TIP101: Beginner level technical interview prep course, 10 weeks long, collaborate with teams twice a week
- TIP102: Intermediate level technical interview prep course, 10 weeks long, collaborate with teams twice a week
- WEB103: Advanced level web development course, 10 weeks long, rigorous, collaborate with teams frequently

MIT DSML SOP

June 2024 – Aug 2024

Student Learner

- Learning Data Science and Machine Learning from MIT's selective and intensive 8-week Summer Online Program
- Work on relevant case studies and real-world datasets to generate useful and actionable insights via business presentations

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 DSA (Data Structs & Algorithms) and Web Design principles. Interested in finance and software