

# Pablo Valdes

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## EDUCATION

### Florida International University

May 2026

Bachelor of Arts in Computer Science, GPA: 4.00

### Miami Dade College

Jul 2024

Associate of Arts in Computer Science, GPA: 3.70

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

**Relevant Coursework:** Intro to C++, Intro to Python, Java Prog, Java Prog 2, Discrete Mathematics, Statistical Methods

## 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
- 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, Nextjs, TypeScript, TailwindCSS)

- 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 (Nextjs, Clerk, MongoDB, Typescript, TailwindCSS)

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

### Portfolio Website (Nextjs, Resend, Typescript, Tailwind CSS)

- Developed a portfolio website hosted on my own domain, implemented email sending with Resend and API routes

### Practical Synth Theme

- A VS Code theme extension, now with 761 installs on the Visual Studio Marketplace

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### MIT DSML SOP

June 2024 – Present

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

### Codepath TIP 101

May 2024 – Present

Codepath Student

- Improve Technical Interview Prep skills, collaborate in teams to solve technical problems w/ Python, biweekly meetings

### SEO Career

May 2024 – Present

SEO EDGE Participant

- Receive coaching & online instruction to achieve targeted interview, technical, & professional developmental goals
- Complete industry-specific training focused on developing technical skills, institutional knowledge, and attention to detail

### Management Leadership for Tomorrow

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

### MDC Presidential Scholar

Aug 2023 – Present

Presidential Scholar

- Accepted into Miami Dade College's program for high-achieving and exceptional students
- Attend meetings with local leaders; attend leadership, success, and business growth development seminars

## OTHER SKILLS & INTERESTS

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

**Software:** RapidMiner, MERN (MongoDB, Express.js, React.js, Node.js) Full-Stack Development, Figma, Canva, Eclipse, Visual Studio, VS Code, Redux, Git, Postman, Mongoose, jQuery, Bootstrap, Tailwind CSS, Nextjs, Zod

**Computer:** Understanding of DSA (Data Structs & Algorithms), Web Design, Data Science and Machine Learning Principles

**Interests:** Interested in Finance and Software