EMELY BARCENAS

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EDUCATION

Florida International University   **Expected May 2028**
Bachelor of Science in Computer Science   **GPA: 4.00**
- Relevant Coursework: Programming 2 (**Java**), Intro to Programming, Discrete Structures

Miami Arts Studio   **May 2024**
Technical Production Magnet   **GPA: 4.00**
- Relevant Coursework: **Calculus II**, **Physics Mechanics with Calculus**, General Chemistry 1
- Certifications: Adobe Professional in Visual Design using **Photoshop** and **Illustrator**
- Skills: **Figma, Blender,** Adobe After Effects, Adobe Indesign, **Microsoft Office**

PROJECTS

Personal Website   **Feb 2025**
- Developed responsive and functional site using **React** and **Tailwind CSS** for intuitive user experience
- Enhanced UI with **Framer Motion** animations and an **API**-powered contact form
- Deployed the website using **Vercel**, allowing for fast load times and real-time updates

CodePath Binding Website   **Sep 2024 - Nov 2024**
- Built website utilizing **HTML** and **CSS** to promote literacy and skill-building for young girls through interactive workshops, personalized recommendations, and in-person events.
- Enhanced user experience with **JavaScript** animations, dark-mode toggle, and form-validation

Gratitude Log Website   **Dec 2024**
- Implemented user login system using **SQLite**, **cookies**, and integration of **JSON web tokens**
- Developed a **CRUD** functionality for blog posts, enabling users to log, edit, and delete entries

Wordle Clone   **Nov 2024**
- Created Wordle clone with **React**, implementing interactive gameplay logic, state management, real-time feedback, and external word database **API** supporting word generation/validation

ShellHacks│HerTechPath Website│Break Through Tech│1st Time Hacker   **Sep 2024**
- Integrated front-end **React** and **CSS** components after creating Figma prototype
- Collaborated on creating **Gemini-AI** powered quiz and structured **JSON** data for personalized info

WORK EXPERIENCE

The CuCompany Digital Marketing Agency│Graphic Design and Marketing Intern*   **Jul 2023**
- Designed **daily content** for social media using Adobe Photoshop, increasing follower engagement
- Researched and authored articles and podcast scripts on technology innovations and trends

Private Tutor   **Feb 2024 - Present**
- Assist middle school students with **Algebra,** increasing understanding of fundamental topics

LEADERSHIP

INIT FIU, Creative Director   **Jan 2025 - Present**
- Designing visual assets and merchandise for Florida's Largest Hackathon (**1400+ participants**)
- Incentivized students to complete technical skill-building workshops through enamel pin designs

Mu Alpha Theta (National Math Honor Society), President   **Jan 2023 - Jun 2023**
- Managed and led math competition with **200+** students, crafting questions and challenges
- Collected **300+** diaper boxes for mothers and **300+** Operation Christmas Child gifts for children

ADDITIONAL INFORMATION

- **Languages:** English, Spanish
- **Awards:** Best Creative Director, Excellence in Technical Production, Best Aspiring Artist, National Hispanic Recognition, AP Scholar Award
- **Skills**: React, HTML, CSS, JavaScript, Vite, Tailwind CSS, Java, Framer Motion, Vercel, Git, Github, SQLite, Visual Studio Code, Blender, Adobe Creative Suite, Microsoft Office