

Damien A. Beltran

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[LinkedIn](#) | [GitHub](#) | [My Portfolio](#)

Computer Science student with experience in software engineering and UX design, seeking full-time or internship opportunities to build impactful, user-focused products.

EDUCATION

University Of Texas - San Antonio

San Antonio, Texas

Bachelor of Science in Computer Science

Expected Graduation December 2025

Relevant Courses: Data Structures, Algorithms, Database Systems, User Interfaces, Application Programming

SKILLS

Programming: Java, Python, HTML, CSS, JavaScript, TypeScript, React.js, AngularJS, Node.js

Project Management: Agile (Scrum Sprints), JIRA, Notion

Database Management: Firebase (NoSQL), SQL, MySQL Workbench, ERD (Crow's Foot Method)

Design: Figma, Adobe Express, Adobe Indesign

APIs: WebGL, Postman, RESTful

HIGHLIGHTED PROJECTS

WebGL Line Renderer Canvas Application | Role: Frontend | [GitHub Repository](#)

- Designed and implemented an interactive **WebGL**-based tool for drawing and visualizing customizable lines on canvas.
- Enabled file I/O with **JSON** for saving/loading line data, supporting persistence and shareability.

SoundWave Music Streaming Application | Role: Frontend / UX Design and Research | [GitHub Repository](#)

- Led **UX design** using **evolutionary prototyping** to iterate designs ahead of **user testing**.
- Recruited 13 participants and conducted **interviews**, **surveys** (**Google Forms**), and **cognitive walkthroughs** with screen readers.
- Developed login functionality with token-based auth using **Axios** and **React Router** to enhance user accessibility.

INTERNSHIP EXPERIENCE

Full-Stack Software Engineer Intern

Neuron | Start-up

October 2024 - Current | Remote

- Developed Neuron's new blog page with **Angular.js** and **Bootstrap**, increasing website visits by 78%.
- Integrated **Auth0** with Angular and **TypeScript** to enhance security and streamline user authentication.
- Enabled data writing to **Firebase Firestore** for authenticated accounts and automated user guide distribution via Mailchimp.

UX Design and Research Intern

LePal.ai | Start-up

[Letter Of Recommendation](#)

August 2024 - November 2024 | Remote

- Recruited 65 testers (9.29%), shaping app development.
- Designed intuitive interfaces in **Figma**, guided by user **qualitative** feedback from 30 **user interviews**.
- Pioneered an evolutionary **prototyping** approach to design user-centric solutions.

Software Engineer Fellow

Headstarter AI | Start-up

July 2024 - August 2024 | Remote

- Helped develop a **full-stack** ingredient organizer app with **Next.js**, **Material UI**, and **JavaScript**.
- Assisted in integrating **GPT-4o** for personalized recipe suggestions.