

Daisy Fernandez-Reyes

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Summary

Emerging interaction designer and creative technologist with a multidisciplinary background in Software Engineering, UX Research, and Design. Skilled in translating complex systems into clear, delightful experiences — from ideation to shipped product. Experienced integrating AI tools into design and development workflows, with a strong focus on accessibility and inclusive design.

Education

Chapman University

Graduated May 2025

B.S. Software Engineering, Minor in Peace and Justice Studies

Coursework : Human Computer Interaction, Human Factors, iOS App Development, Web Development, Software Design, OOP, Ethics in CS, Research Methods

Awards: Eugenia Love Scholar, Last Mile Education Fund Recipient 2025, Outstanding Senior in Leadership 2025, Codédex Design Challenge Winner 2024, Wilkinson College Design Contest Winner 2024

Certificates: Google UX Design Professional Certificate · September 2025

Technical Skills

Languages: Swift, JavaScript, Python, Java, HTML/CSS, SQL, C++, C, Bash/Zsh

Design Tools: Figma (user flows, hi-fi mockups, interactive prototypes), Adobe Creative Cloud, Jitter, Framer

Dev Tools: Xcode, SwiftUI, PencilKit, Vision, WebSockets, Next.js, Supabase, Firebase, Vercel, GitHub, Jira

AI Tooling: Claude.ai, Google Cloud Vision API, AI-augmented design-to-code workflows

Professional Experience

UX Researcher, Interaction Designer & iOS Developer

May 2025 – May 2026

Uldeas Lab — Franceli Cibrian, Ph.D. , Spark! Emotion Garden & Lab Rebrand

- Led end-to-end interaction design for a cross-platform iOS + Apple Watch ecosystem for neurodivergent children, translating cognitive load research into a multi-device reward loop (emotion check-in → task completion → garden growth).
- Collaborated cross-functionally with researchers and engineers, communicating design rationale through structured design reviews.
- Led the rebranding of Uldeas Lab, creating a full visual identity (logo, typography, color palette, component library) across publications, media, and the lab website.

Undergraduate UX Researcher, Prototype Designer

March 2023 – March 2024

Uldeas Lab — Harmonic Threads

- Co-led accessibility research into tactile and AR tools for neurodiverse learners; designed a smart-fabric NUI for sensory-friendly interaction.
- Co-authored a paper published in ACM; presented at UBICOMP '23.

Freelance Designer • Visual, UX/UI & Graphic Design

June 2021 – Present

Visual , UX/UI, Graphic Design, Illustration

- Delivered branding and design systems for clients and research organizations including full visual identity systems (logo, typography, color palette) and site rebrands.

Projects

Puterbook – Handwritten Python Notebook App | Swift, SwiftUI, PencilKit, Vision, WebSockets

- Designed and developed an iPad app bridging handwritten note-taking with executable Python — featuring a layered ink system, real-time handwriting recognition via Apple Vision, and inline code execution over WebSocket.

Pokélens – Full-Stack Pokémon Web App | Next.js, Supabase, Google Cloud Vision API

- Designed and built a full-stack web app with auth, search, type filtering, and a camera scanner that identifies Pokémon via GCV API and auto-saves to a personal Pokédex. Deployed on Vercel.

MyLobgotchi- macOS Widget | JavaScript, Firebase, Figma

- Designed and developed an AI-augmented tamagotchi macOS widget, shipping end-to-end from pixel sprite animation in Aseprite to a real-time interactive product using Claude.ai in the design-to-code pipeline.

LAMP v.2 – Social Music Platform | Next.js, Vercel, Figma

- Designed and built a social music platform with identity-driven discovery systems, serving as frontend developer and interaction designer in a two-person team.

Leadership and Affiliations

Society of Women Engineers — Co-Founder, VP & Graphic Designer (2021–2024)

Computer Science Club — Founding Member & Graphic Designer (2022–2023)

Affiliations: ColorStack, ReWriting the Code, Codepath, Girls Who Code, Chapman Latinx Club, First Gen Promising Futures, Creative Lives in Progress, Design Buddies, Friends of Figma