

Felipe Delgado

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WORK EXPERIENCE

CareEvolution

Staff Product Engineer

Remote

March 2024–Present

- Working at the intersection of product and engineering. Enabling researchers to build and run digital clinical trials on a no-code patient engagement platform.

Scripps Research

Senior Product Manager, Digital Health

Remote

April 2021–October 2024

- Led product development and user experience design for the implementation of digital clinical trials at the Digital Trials Center, launching 5 decentralized studies in the areas of maternal health, precision nutrition, sleep health, and infectious diseases.
- Managed a small team of UX designers and shared product management responsibilities on the team working on the *All of Us* Research Program.
- Coached study coordinators in the use and configuration of a low-code digital research platform (MyDataHelps), and wrote reusable queries and scripts to support operational needs.
- Mentored a summer intern in building an automated workflow for withdrawing participants upon request. Provided guidance in the use of the Camunda BPMN workflow engine, Node.js, and web APIs from Google Sheets, SendGrid, and MyDataHelps.

Adaxa Technologies

User Experience Manager

Fort Lauderdale, FL

November 2019–April 2021

- Championed product and design strategy for greenfield initiatives, presenting plans with IT executives and cross-functional senior peers.
- Led user research for a new call center software initiative, facilitating and participating in contextual inquiries and stakeholder interviews to gather qualitative data.
- Critiqued and gave feedback on design artifacts, and performed UI audits as part of software acceptance testing.

User Experience Project Manager

April 2018–November 2019

- Led the design of responsive web apps targeting ~5 million dental insurance members, a tablet app for a team of 25+ site auditors, and coordinated development activities with internal and external software engineering teams.
- Built a statically generated website with Svelte/JavaScript, delivering educational value for dental health plan members and their children.
- Evaluated tech stacks for innovation projects by developing cross-platform prototypes and other technical proofs of concept using Flutter/Dart and Phoenix/Elixir.

Technical Product Manager

January 2016–April 2018

- Shipped an online provider enrollment application, owning the product roadmap and backlog. Developed a dashboard to monitor product usage and KPIs.
- Provided technical and domain expertise in data modeling and software architecture design initiatives.

MCNA Dental
Software Engineer

Fort Lauderdale, FL
October 2010–January 2016

- Maintained and implemented new features for the health plan’s internal enterprise platform and automated claim adjudication system using Ruby on Rails.
- Built a web API and wrote batch scripts in Ruby to normalize and standardize US postal addresses for members and providers.
- Created technical proofs of concept as part of a team of Common Lisp programmers, using a reactive, component-driven library for web-based UIs and an NLP rule engine.
- Developed a custom PostgreSQL row reader with the Postmodern library to read relational data into an RDF-like graph data structure.
- Created several database migration scripts in a Common Lisp DSL developed in-house.

Solstice Benefits
Software Developer & Analyst

Plantation, FL
December 2009–October 2010

- Designed, built, and maintained a dental benefits member web portal in C# and ASP.NET using a multitiered architecture.

TradeStation
Software Test Engineer

Plantation, FL
April 2006–December 2009

- Streamlined the deployment process to QA servers by creating a multithreaded graphical user interface in C# and WPF, leveraging the Visual SourceSafe COM-based API.
- Wrote scripts for automated regression testing using QuickTest Professional’s VBScript object library.
- Designed and executed functional test cases for 4 major web projects writing detailed, reproducible bug reports.

SKILLS

Technical Proficiency

- **Programming:** JavaScript/TypeScript, HTML, CSS, SQL, Ruby, Common Lisp, C#
- **Design:** Information Architecture, UI Design, UX Research

Linguistic Proficiency

- Spanish (Native), French (Intermediate)

EDUCATION

American InterContinental University
Bachelor of Information Technology

Weston, FL
January 2005–June 2006

- *GPA: 3.90*

Miami Dade College
Associate in Arts, Computer Information Systems

Miami, FL
August 2002–December 2004

- *GPA: 3.76*

PUBLICATIONS

- Quer, G., Coughlin, E., Villacian, J., **Delgado, F.** et al. (2024). Feasibility of wearable sensor signals and self-reported symptoms to prompt at-home testing for acute respiratory viruses in the USA (DETECT-AHEAD): a decentralised, randomised controlled trial. *The Lancet. Digital health*, 6(8), e546–e554. [https://doi.org/10.1016/S2589-7500\(24\)00096-7](https://doi.org/10.1016/S2589-7500(24)00096-7)
- Radin, J.M., Vogel, J.M., **Delgado, F.** et al. (2024). Long-term changes in wearable sensor data in people with and without Long Covid. *npj Digit. Med.* 7, 246. <https://doi.org/10.1038/s41746-024-01238-x>