

David Hermoza

- Human Factors Engineer/ User Researcher • Phone: (626) 390-9145
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Career profile

- Human Factors Engineer with 3+ years of experience collaborating with stakeholders in the delivery of product insights in the field of Medical Devices.
- Primary experience includes collaborating in formative and validation IRB-approved usability studies (with 100+ participants through several user groups), conducting in-depth interviews, conducting root-cause analyses, and analyzing and presenting product insights.
- Secondary experience encompasses the development of personas, journey maps, as well as low and high fidelity wireframing and prototyping using Figma and Adobe XD.

Career Experience

- **Human Factors Consulting Services Inc. (HFCSI)** 2022 to Present
 - Human Factors Engineer.
- **Center for Usability in Design and Accessibility @ CSUL** 2020 to 2020
 - Training in accessibility fundamentals for mobile, and desktop platforms.
- **Comparative Cognition Lab @ UCSD** 2017 to 2018
 - PhD assistant: Qualitative data analysis for ethnographic research with children, and epistemic trespassing research with adults.
 - Research team leader: Planning and execution of data collection activities.

Education

- **MS in Human Factors (currently finishing thesis)** 2019 to present
 - California State University, Long Beach
- **BS in Cognitive Science w/spec clinical aspects of cognition** 2015 to 2018
 - University of California, San Diego

Research Projects

- **(2022 – present)** Formative and Validation usability studies for Medical Devices.
- **(2022 – present)** In-depth interviews for Medical Devices.
- **(2023 – present)** MS thesis: Transparency effects on a deception-detection system.
- **(2021)** Solving the problem of autonomous car UIs cluttered systems.
- **(2021)** Helping passengers during flight layover, increasing customer loyalty.
- **(2021)** Research & Applications of Human-automation & human-robot teaming.
- **(2021)** Improving adoption of VR systems: research and usability testing.

Tools

Jira

Miro

Microsoft Office

Figma/Adobe XD

Adobe Illustrator

Python/Java/C++

SPSS

Languages

English

Spanish

Reads

NYT

Medium

Hobbies

Films

Reading

Music/Live Music

Hiking

