

NICOLE GONZALEZ

portfolio: www.nicolemgc.me

I am a product designer, all about using equity-centered design methods and beautiful, functional design to increase parity of access to innovative technology and empower people. I'm looking for Product Design internships beginning June 2021.

EDUCATION

MS in Design Impact
Dept. of Mechanical Engineering
Stanford University, 2019 - 2021
GEM Fellow, HSF & GMiS Scholar

BSE in Electrical Engineering
Princeton University, 2012 - 2016

SKILLS

Equity-centered design
Interviewing, Synthesis, Brainstorming
Sketching, Adobe Creative Cloud
CAD, Prototyping (Virtual & Physical)
Electronics design, Programming
Fluent in English & Spanish

VOLUNTEER

STEM Summer Camp Co-founder
The Engineers of the Future, 2018
Vega Baja, Puerto Rico

CONTACT

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EXPERIENCE

Product Designer, Dignified Disaster Recovery
Stanford Design Capstone Project, Sept 2020 - Present

Developing a product in the natural disaster recovery space that helps bridge marginalized communities to dignified recovery where people can be resilient against the next disaster. Employing equity-centered design frameworks and partnering with activist and home rebuild organizations in Houston, TX.

Product Realization Lab & Design Course Assistant
Stanford University, Sept 2019 - Present

Coaching students through learning design thinking tools, creativity, idea visualization, prototyping, modeling, and manufacturing, to empower students to bring their ideas to life.

Product Design Consultant, Water Purification Device
Stanford & BBOX Solar Provider, Feb 2020 - Sept 2020

Performed market analysis, remote user research, and co-design during COVID-19 outbreak, identifying water purification need for Kenyan and Rwandan households. Developed paper and functional prototypes, in-house water testing, 3D-printed mid-fidelity prototype, service design, and manufacturing plan.

Flight Hardware Design & Test Engineer
NASA Jet Propulsion Laboratory, July 2016 - June 2019

Designed electronics & supported manufacturing for Command and Data Handling system to observe the Psyche metal asteroid. Conducted testing and debug of Mars Rover motor control hardware. Received Jet Propulsion Lab Discovery Award and served as Deputy Board Integration & Test Team Lead.

Designer, TRAX Low-cost Circuit Printer
Princeton Undergraduate Thesis, Sept 2015 - May 2016

Designed minimalist conductive ink circuit printer that can be built for under \$300 to make learning electronics accessible. Presented with Bradley Dickinson Award for System Design.