

Omar Nema

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Education

2011 - 2015

Brown University • Providence, RI

BSc, Biomedical Engineering with Honors

GPA: 3.6 • Thesis in Neuroengineering

4 Industrial Design courses taken at Rhode Island School of Design

Shop Monitor at Brown Design Workshop

Experience

2015 - present

Arcadia.io • Product Manager, Care Applications

Design, manage, and oversee development of three care-focused digital applications targeted to clinicians, administrators, and data analysts

Designed, launched, and managed point-of-care clinical insights application, and referral management tool from the ground-up. Scaled to thousands of clinicians and administrative users.

Shaped company design standards by creating global style guide, and introducing inclusive user research process that advocates for users.

Create proof-of-concept prototypes using data analysis, design, and development tools

Previous positions: Associate PM (2017-2018), Product Analyst (2016-2017), Product Intern (2016), Data Engineer (2015 - 2016). Pivoted into Product role after learning design skills outside of work.

2014

Charles River Analytics • Intern

Conducted research for software tool designed to automatically generate narratives

2013

Brown University • Research Analyst

Developed method of treating bio-waste to absorb mercury

Skills

Programming

HTML, CSS, JS, Python, SQL

Design

User research, interaction design, data viz, UI

Strategy

Executing on abstract ideas, roadmap planning, budgeting

Healthcare

Clinical data structures & manipulation, value-based care, population health

Languages

English (native), Arabic (proficient)

Creative Technology

2019

Blackbox • Mobile app, art

Designed and developed platform for anonymously exchanging voice recordings in React Native

2019

Thought Parser • Web dev, art

Parsed and visualized two years of journal content using d3.js

2019

Floating thoughts • Web dev, art

Created interactive piece of writing that explores non-narrative communication (d3.js)

2018

Referral Explorer • Web dev, data viz

Designed and built interactive visual for exploring medical referral patterns using SQL, Python, d3.js

2017

Hospital Quality • Web dev, data viz

Visualized public hospital quality dataset using d3.js