Omar Nema

Portfolio: omarnema.com • Contact: omarwnema@gmail.com / 401-499-6791

Education

2011 - 2015
Brown University • Providence, RI
BSc, Biomedical Engineering

GPA: 3.6 • Thesis in Neuroengineering
4 RISD Courses in Industrial Design
Shop Monitor at Brown Design Workshop

Experience

2015 - present
Arcadia.io • Product Manager

Design, manage, and oversee development of three care-focused digital applications.

Launched 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

Designed and visualized data structure for narrative research

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, Arabic

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 hospital quality public dataset using d3.js