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 • Multiple positions

Product Manager (2018 - present)

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

Launched two products from the ground-up, and scaled to thousands of users

Practice an inclusive design process that factors in clinician needs & market concerns

Analyze data (SQL), create wireframes (using Adobe XD), and build (web development) to prototype new features

- Associate Product Manager (2017 2018)
- Product Analyst (2016 2017)
- Product Intern (2016 2016)

Pivoted into Product role after learning web dev and design skills outside of work

• Junior Data Engineer (2015 - 2016)

Developed systems for converting raw medical data into structured entities

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, valuebased 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 in

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