

## Omar Nema

Portfolio: [omarnema.com](http://omarnema.com) • Contact: [omarwnema@gmail.com](mailto: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 targeted to clinicians, administrators, and data analysts

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