

## Omar Nema

Portfolio: [omarwnema.com](http://omarwnema.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** • 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, 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