# 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, 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 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