

## Contact

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(LinkedIn)

## Top Skills

Product Management  
Data Engineering  
Data Analysis

# Irene O

Systems Infrastructure Engineer  
Greater Minneapolis-St. Paul Area

## Experience

### LinkedIn

6 years 2 months

Software Engineer, Systems Infrastructure  
April 2024 - Present (1 year 4 months)

Software Engineer, IC2  
June 2019 - April 2024 (4 years 11 months)  
Sunnyvale, California, United States

Deep Learning Infrastructure team

- Tensorflow on Yarn (TonY)
- Efficiency optimization for Deep Learning workflows

Systems Infrastructure

- Data Storage and Retrieval

### Fracta, Inc

1 year 11 months

Data Engineer  
August 2017 - June 2019 (1 year 11 months)

- Developing machine learning based predictive models for our likelihood of failure SaaS

technology

- Creating scalable software components and workflows for large scale data processing

- Mining, wrangling, & visualizing geospatial and utility data for predictive analytics & ML

workflows

### Product Manager

August 2017 - November 2017 (4 months)

- Managed software developers on product specs for the front-end UI
- Interfaced with customers to understand unmet needs and determine new product directions

- Authored two White Papers, one detailing the Fracta Financial Simulation Model and one discussing Machine Learning for condition assessment.

## Big Health

Associate Product Management Intern

May 2017 - August 2017 (4 months)

San Francisco, CA

Working on exciting innovations in mobile-first digital solutions for mental and emotional wellbeing.

### Role and Initiatives:

- Responsible for our UX Research, User Testing, and Data Acquisition
- Independently created a conversational mental health chatbot using a decision tree algorithm
- Performed competitive analysis on the anxiety/emotional health mobile marketplace

## SHIFT (Healthcare Innovation @Stanford): Medication Adherence

Mobile iOS Developer

October 2016 - January 2017 (4 months)

Stanford, CA

- Developing a personalized medication adherence app using Apple's HealthKit (CareKit and ResearchKit) frameworks.

## Kingfish Group

Investment Associate

March 2016 - August 2016 (6 months)

Contract

- Targeted and built relationships with top industry executives.
- Sourced deals, consulted, and performed due diligence for key investment targets.

## HealthTap

Product Success Intern (Product Management / Medical Expert Management / Platform Sales)

January 2016 - March 2016 (3 months)

Internship

- Conceived and drove the technical solution for an insurance reimbursement feature

for the HealthTap web platform, building and managing a cross functional team while generating interest and buy-in from senior management (see link below)

- Defined market and functional requirements for the insurance feature and built a usability prototype presented to physician users and other stakeholders.
- Researched and proposed new verticals and market opportunities for the company, utilizing user metrics to drive strategy and development of the business model.
- Generated the most number of new doctor accounts for HealthTap's premium medical service while simultaneously gathering feedback on product usability.

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## Education

Stanford University School of Medicine

PhD in Molecular and Cellular Physiology

Stanford University Graduate School of Business

Stanford Ignite: Certificate Program in Innovation and Entrepreneurship

Dartmouth College

Bachelor of Arts (BA), Major: Cognitive Science (Symbolic Systems) Minor: Neuroscience