

# Yasmeen Roumie

[yroumie.tech@gmail.com](mailto:yroumie.tech@gmail.com)  
[yasmeen.github.io](https://yasmeen.github.io)

## Experience

### Tinder – Software Engineering Intern (Tinder Science Team)

June – August 2018

- ◆ Worked on natural language processing and predictive topic modeling with k-means clustering for Tinder messages, using weighted word embeddings

### Snap, Inc. (Snapchat) – Engineering Intern (Augmented Reality)

May – August 2017

- ◆ Deployed augmented reality lenses implementing hand and body tracking technology
- ◆ Worked alongside computer vision researchers to create mixed-reality experiences using machine learning-based tracking for objects in 3D space

### NASA – Engineering Intern (Augmented Reality)

June – August 2016

- ◆ Developed interactive augmented reality experiences for Microsoft HoloLens on the Launch Vehicle Integration Team that allow viewing and tracking simulated spacecraft launches in 3D
- ◆ Created mixed reality replicas of future spacecraft for astronauts to virtually explore to reduce costs
- ◆ Gave talk on “The Rules of Rapid Prototype Development” to over 300 people at Unity Technologies Development Conference

## Projects

### Quiz App – “Cram”

- ◆ Developed backend of multiplayer iOS trivia app to generate questions based on course lectures.

### Yelp Augmented Reality App – “RadAR”

- ◆ Wrote backend of augmented reality iOS app for that displays Yelp rating and Facebook check-in info above detected storefronts using Google Cloud Vision API.

### Medical Augmented Reality App – “PillAR”

- ◆ Created augmented reality iOS app that uses computer vision to identify text on pill bottles and tracks medication usage.

## Skills

Python [Flask], C++, JavaScript, HTML, CSS  
Spark [pyspark], pandas, numpy, scipy, sklearn, nltk, SQL, tensorflow

## Education

### Harvard University

**Bachelors, Computer Science**  
Expected May 2020

### Hunter College / Fordham University

Discrete Structures, Software Analysis and Design, Computer Architecture, Calculus II, Physics I & II

### Stuyvesant High School

Software Development, AP Computer Science, AP Calculus, FIRST Robotics, Zero Robotics (MIT)

June 2016