

# Yasmeen Roumie

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[yasmeen.github.io](https://yasmeen.github.io)

## Experience

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

June – August 2018

- ◆ Currently working on natural language processing and predictive topic modeling with k-means clustering for Tinder messages

### 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  
Spark [pyspark], pandas, numpy, scipy, sklearn, nltk, SQL, tensorflow

## Education

### Hunter College, City University of New York

Discrete Structures, Software Analysis and Design, Computer Architecture

BA, Computer Science  
Expected May 2020

### Stuyvesant High School

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

June 2016