Yasmeen Roumie

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yasmeen.github.io

Experience

Tinder – Software Engineering Intern (Data Science)
June – August 2018

- ✦ Currently working on natural language processing and predictive topic modeling 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
SQL, Spark, pandas, numpy, tensorflow

Education

Hunter College, City University of New York   BA, Computer Science
Discrete Structures, Software Analysis and Design, Computer Architecture   Expected May 2020

Stuyvesant High School   June 2016
Software Development, AP Computer Science, FIRST Robotics, Zero Robotics (MIT)