

# Shadman Quazi

SOFTWARE ENGINEER ·

89-06 121st Street, Richmond Hill, NY 11418

☎ 347-684-9077 | ✉ shadmanquazi@gmail.com | 🌐 ShadmanQ | 📄 Shadman Quazi

## Summary

Computer Vision Engineer with experience in web and mobile development. Looking for a challenging, growth oriented position in emerging tech.

## Technical Skills

- C++
- Python
- JavaScript
- SQL
- Node.js
- React.js
- Tensorflow
- ROS

## Work Experience

### The Glimpse Group - KreatAR Subsidiary

New York, NY

COMPUTER VISION ENGINEER

June 2019 - PRESENT

- Implemented multiple feature detection and matching algorithms to optimize object recognition
- Developed a real-time feature streaming based image recognition framework in subsequent releases.
- Designed a QR code based deep linking protocol to link outside apps to our service with Firebase.
- Implement OCR functionality in KreatAR's first mobile app, PostReality.

### Hunter College - Vision and Research Lab

New York, NY

GRADUATE RESEARCH ASSISTANT)

June 2016 - PRESENT

- Analyze training output of a neural network designed to identify vehicles in real time, to create a safer autonomous vehicle.
- Synchronize RGB camera and depth sensors of a robot to create a map of its surroundings via SLAM.
- Assess real-world effectiveness of the neural network by mounting and running it on the robot with ROS.

### Hunter College - Vision and Research Lab

New York, NY

GRADUATE RESEARCH ASSISTANT)

June 2016 - PRESENT

- Analyze training output of a neural network designed to identify vehicles in real time, to create a safer autonomous vehicle.
- Synchronize RGB camera and depth sensors of a robot to create a map of its surroundings via SLAM.
- Assess real-world effectiveness of the neural network by mounting and running it on the robot with ROS.

## Education

### Hunter College

New York, NY

M.A. IN COMPUTER SCIENCE

Jan 2018 - Exp May 2020

- Coursework: Computer Vision, Software Engineering, Algorithms, Parallel Computing.

### Hunter College

New York, NY

B.A. IN CHEMISTRY

Sept. 2013 - May 2017

- Coursework: Software Design I-II, Databases, Calculus I-III
- Jenny Hunter Honors Scholar
- Minor in Computer Science

### Bronx High School of Science

New York, NY

Sept 2009 - May 2013

|References available on request.