

# Shadman Quazi

SOFTWARE ENGINEER ·

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## 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
- C-sharp
- Java
- SQL
- Unity3D
- Android Studio
- Tensorflow
- ROS

## Work Experience

### The Glimpse Group - KreatAR Subsidiary

COMPUTER VISION ENGINEER

New York, NY

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 - Computer Science Department

TEACHING ASSISTANT/ADJUNCT INSTRUCTOR)

New York, NY

Jan 2018 - May 2020

- Instructed students in introductory C.S. lab courses, going over fundamentals of programming and data structures in C++.
- Graded/critiqued students' homework assignments and exams.

### Hunter College - Vision and Research Lab

GRADUATE RESEARCH ASSISTANT)

New York, NY

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

M.A. IN COMPUTER SCIENCE

New York, NY

Jan 2018 - Exp May 2020

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

### Hunter College

B.A. IN CHEMISTRY

New York, NY

Sept. 2013 - May 2017

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

|References available on request.