Shadman **Quazi**

SOFTWARE ENGINEER ·

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

📱 347-684-9077 | ✉ shadmanhquazi@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
- C-sharp
- Java
- SQL

- Unity3D
- Android Studio
- 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 - Computer Science Department — *New York, NY*
TEACHING ASSISTANT/ADJUNCT INSTRUCTOR) — *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 — *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

|References available on request.