

# Jacky Ng



Howard Beach, NY 11414

(347) 633-3321 | jackyng94@gmail.com

---

## Education

### App Academy

Feb 2017 – May 2017

Full Stack Development OOP course with <3% acceptance rate 1000+ hour rigorous curriculum of TDD, REST, security, and web dev.

### New York University

Sept 2012 – Sept 2016

Bachelor of Science: Chemistry

Minor: Computer Science and Mathematics

---

## Experience

### Nielsen - New York, NY

#### Automation Engineer, Infrastructure

Mar. 2018 – Present

Automated AWS security group change alerts that utilized AWS lambda functions and AWS SNS through Terraform to allow updates to multiple AWS regions

Managed the Data Transfer Service with 400+ clients, preventing outage and ensuring proper data delivery of 30 servers transferring 100,000 Mbps

#### Automation Engineer, Technical Operations

Nov. 2017 – Mar. 2018

Took ownership of incoming data in streaming system which utilized AWS lambdas, EC2 instances, EMR clusters, and S3

Migrate clients to a different data streaming consisting of Apache Flume & Flink, and Kafka for fault tolerant data delivery at very large scales, reducing 100% script restart rate to 0% failed sent requests

### Outernets - New York, NY

#### Software Engineer

May 2016 – Oct. 2016

Created an interactive visual display of a client's product using Unity 5 and MonoDevelop, leading to funding from McDonalds as the first major client, and team collaboration from Samsung

Utilized ThreeJS, Unity, HTML5, and CSS to determine the most cost efficient and useful method of producing easily exportable and user-friendly apps

### Clifford Ross Studio - New York, NY

Aug. 2015 – Nov. 2015

#### Software Engineer

Ported and fixed any bugs of entire augmented reality app to Android, doubling number of users by not restricting app usage to iOS

Took over debugging of any iOS issues until app was production ready, allowing app to adhere to production schedule and minimize costs

Quickly picked up C#, Unity 4 and 5, and MonoDevelop to ensure a bug free launch and featuring of app on Wired, as almost all issues were solved the day of the client's request

---

## Additional Information

Languages: English (Native), Chinese (Cantonese-Native)

Skills: Ruby, React, JavaScript, SQL ,Redux, Java, C#, HTML/CSS/SCSS, Python, AWS(SNS, EC2, SQS, Lambda, S3, CloudWatch, EMR, Data Pipeline)