Jacky Ng

 nyujacky   JackyNg   JN jackyng.us
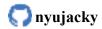
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Education

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)