

# Mike Sayan

New York, NY • 555-555-5555 • me@gmail.com

## Experience

### Software Engineer

Jan 2017 – Current

#### Viacom Personalization

- Building a scalable automated data pipeline, with monitoring tools, to batch process user data
- Utilizing machine learning algorithms such as ALS for collaborative filtering using Apache Spark
- Researching and designing an algorithm to rank content by popularity with time decay
- Designing databases to query recommendations with region and brand granularity for global apps
- Developing containerized microservices for serving results using Spring Boot, Consul, & gRPC
- Creating code deployment pipelines for applications which are run in EMR, ECS, or Lambda
- Templating AWS infrastructure using CloudFormation to deploy in multiple accounts
- Contribute in prioritizing, scheduling, and constructing solutions to feature requests

### Software Engineer

Jan 2016 – Dec 2016

#### Nick Services

- Worked on Nick API which is used globally by Web, Native Mobile, & OTT apps
- Added content management DTOs to API feeds
- Implemented timezone support to TV schedule for global sites
- Communicated with Noggin teams to rollout new features by utilizing API versioning
- Decreased application start-up time 20% by externalizing dependencies
- Supported operations team in tracking various bugs and organizing launches of new apps

## Technical Skills

### Languages

- Java
- Scala
- Python
- PostgreSQL

### Frameworks

- Spark
- Hadoop
- Spring MVC & Boot
- AspectJ
- Jackson
- Hibernate
- QueryDSL
- Hystrix
- gRPC

### Tools

- Docker
- Redis
- Consul
- Jetty
- Nginx
- Git
- Akamai
- Jenkins
- Maven
- Sbt

### AWS

- CloudFormation
- EC2
- ECS
- EMR
- Lambda
- S3
- RDS

## Education

### Stony Brook University

Dec 2016

- B.S. Computer Science
- Dean's List (Summer 2014 through Fall 2016)
- Major GPA: 3.6