

# Osama Sehgol

Brooklyn, New York

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## Education

### New York University

Master of Professional Studies, Interactive Telecommunications Program (ITP)

New York, NY  
Sep 2015 – May 2017

### National University of Singapore

Bachelor of Science, Physics

Singapore  
Sep 2004 – May 2008

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## Work Experience

### Akados Inc.

DevOps/SRE

New York, NY  
Nov 2018 – Present

Maintaining/Migrating infrastructure using Puppet and Terraform  
Managing/Monitoring using ELK and Sensu watchers  
Migration from Ubuntu 14.04 to 18.04 across clusters  
Ensuring PCI DSS, GDPR, CCPA and Red Flag Rules compliance across infrastructure  
*Terraform, Puppet, Python, AWS, Bash, Linux*

### SourceMap Inc.

DevOps/SRE

New York, NY  
Aug 2017 – Oct 2018

Dockerizing LAMP, MEAN and MERN applications, automating deployments with Drone and Travis  
Developing SOC 2 Compliant infrastructure (Intrusion detection, performance monitoring and phone alerts,  
Network security, VPN Servers, jump hosts, data encryption, S3 backups, Load Balanced environments)  
Visualizing server and application usage with ElasticSearch-Logstash-Kibana and Metabase  
*AWS, Bash, Node.js, Docker, Linux, Drone, Travis, SQL and MongoDB Database management*

### TimeSvr.com

Founder

May 2008 – Sept 2015

Users include NY Times Best Selling author of The Personal MBA (personal reference)  
Service featured in Slate, Inc.com and GigaOm  
Pilot programmed a digital earning project for remote villages in Pakistan  
*Linux, Apache, Git, Bash, JavaScript, DigitalOcean, Linode*

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## Internships

### New York University – Office of Global Services

UX research and web development of high traffic webpages (1.9 million hits/month)  
Developed microsite for NYU Global Outbound

Feb 2016 – Feb 2017

### United Nations – Department of Peacekeeping

Special internship to digitize and visualize U.N peacekeepers data on global missions  
Collaborated with military officials, peacekeeping civil officers and IT Operations team for development  
*JavaScript, HTML5/CSS3, Linux (Ubuntu), d3.js, Qlik, Linux*

May 2016 – Sep 2016

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## Interactive Projects

[chatArt](#) bot analyzing sentiments in chat and injecting generative art

*JavaScript, node.js, AFINN*

[DoorJarvis](#) low cost web, SMS enabled virtual assistant that automates the home

*JavaScript, node.js, Arduino*

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## Conferences & Research

Judge on the South & South East Asia panel for Google Cloud Developer Challenge (2013)

Speaker at the [IEEEP Student's Research Seminar](#) (2012)

Speaker at the [INET conference](#) "Internet: past, present and future" organized by the Internet Society (2010)

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**Hobbies:** Building servers from used computers and mining Ethereum

**GitHub:** <https://github.com/osehgo1>