Osama Sehgol

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Education

New York University
New York, NY

Master of Professional Studies, Interactive Telecommunications Program (ITP) and minor in Computer Science (PAC)   **Sep 2015 – May 2017**

National University of Singapore
Singapore, Singapore

Bachelor of Science, Physics   **Sep 2004 – May 2008**

Development Projects

chatArt bot analyzing mood in chats and generating art
JavaScript, node.js, AFINN
DoorJarvis low cost Web/SMS-based AI assistant for controlling home appliances
JavaScript, node.js, Arduino
MeanAlert a twitter bot replying in kind to mean tweets to Uber drivers - it actually worked, people apologized to the bot
Node.js, Twitter API
Google Hackathon - built ObamaDad for Google Home at a hackathon in NY (audience and Home's UX team loved it)
JavaScript, API.ai

Technical Experience

Addteq Inc.
Princeton, NJ

Consultant DevOps Engineer   **Mar 2017 – August 2017**

Scripting in Bash, Nodejs)
Linux Systems Administration on Java based Atlassian products
SQL querying, UX and Unit testing
Linux, Java, Node.js, Postgres, Bitbucket, MongoDB, Atlassian JIRA, Bamboo, AWS

New York University – Office of Global Services
New York, NY

UX/Full-Stack Engineer   **Feb 2016 – Mar 2017**

Maintain high traffic webpages (1.9 million hits/month)
UX development to manage new information (purge, merge and add pages)
Collaborate with graphic designers, content writers and senior advisors
JavaScript, HTML5/CSS3, Linux (Ubuntu)

United Nations – Department of Peacekeeping
New York, NY

[Internship] Full-Stack Engineer   **May 2016 – Sep 2016**

Deployed Troop Management Dashboard based on data visualization
Project had unicorn status, presented to 3-Star General commanding UN-Peacekeeping troops worldwide
Collaborated with military officials, peacekeeping civil officers and IT Operations team for development
JavaScript, Linux (centOS), Drupal, Python, mongoDB

TimeSvr.com

Co-founder, Operations and Systems Administration   **May 2008 – Sep 2015**

Bootstrapped virtual assistant for web-tasks that made over $1 million in revenue
Server administration, documentation, VPN deployment, security configuration and management
Deployed client, VA and manager dashboards in collaboration with developers and designers
Ruby on Rails, Linux (Ubuntu) system-administration, HTML5/CSS

Skills

Front-end: JavaScript (Node.js, leaflet.js, express.js, webRTC, socket.io), HTML5/CSS, Arduino
Backend: Linux, Bash, AWS, Git, Apache, MongoDB, Postgres
GitHub: https://github.com/osehgol