SAMEER NAUMANI

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SameerNaumani | https://sameernaumani.github.io

WORK EXPERIENCE

THALES | Application Administrator Intern Apr 2018-Aug 2018

- Developed and conducted tooling administration for Thales 1200+ users (JIRA, Bitbucket, Confluence, Artifactory, IBM DOORs and Git).
- Conducted backend development of Atlassian tools hosted by virtual machines. Besides conducting routine server and database maintenance, took initiative to fix bugs, propose and conduct company wide updates, and was trusted to make emergency system repairs.
- Implemented HTTPS on all tools using Apache, and tomcat SSL.
- Developed automation scripts using Python, PowerShell, Linux/UNIX, PostgreSQL, SQL and c ++.
- Worked in an agile environment implementing Kanban, and scrum techniques. Gained experience as Scrum Master.

THALES | Cloud Architect Intern Jan 2018-Apr 2018

- Re-engineered, designed, and launched Thales cloud project with Senior Engineer to migrate physical Design Simulation Machines (DSM) into the cloud and replicate the network in a virtual environment (Virtual Simulation Machines).
- Developed solution using Amazon Web Services: EC2 instances, Virtual Private Cloud, Elastic Block Storage Cloudwatch, and Terraform. Utilized DNS, Peering, VPN, Routing, and subnets to design the network infrastructure
- Set up a customized VPN software in the cloud to create communication between VMs and network customization
- Upon successful proof of concept, automated the entire process using Terraform, batch and bash scripting in windows and Linux environments. Conducted optimization to improve speed and latency.

RECENT PROJECTS

Speer | UottaHacks Feb 2018

- Developed an iOS app which is geared towards solving wait time challenges in the healthcare industry. Winner of RL HealthHack Challenge. Applied machine learning to train the app to use face recognition that will predict the severity of the illness using Clarifai API and machine learning modules.

TranslatAR | HackPrinceton Nov 2017

- Utilized machine learning to train model using Microsoft's Cognitive Custom Vision API. Application translates detected objects.

COMPUTER LANGUAGES

- Java
- Javascript, HTML/CSS
- Python
- SQL
- C/C++
- Terraform
- PowerShell

TECHNOLOGIES

- Git
- AWS/Cloud
- PostgreSQL
- Linux
- Unity
- JIRA/Confluence/Bitbucket
- Apache SSL

EDUCATION

Ryerson University
Bachelor of Engineering in Electrical and Computer Engineering 2020
Minor in Computer Science

EXTRACURRICULAR

- Enactus: Project Lead
- Canadian Eng. Competition Re-Engineering Commissioner
- Ryerson Students Union Director
- RSU Sustainability Commissioner
- Electrical/Computer Eng. Society President

Hardware and Electronics

- Microcontrollers and Microprocessor i.e. Arduino
- Multisim Circuit Design
- Signal testing/Oscilliscope
- Matlab/Simulink
- PCB design and soldering

Hobbies

- Sports and Chess enthusiast
- Public Speaking
- Hockey