Andreas Siskos

DevOps Engineer

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EDUCATION

Computer Science
University Of Crete

09/2016 - 07/2022

Courses
- Operating Systems
- Object-Oriented Programming
- Complex Network Dynamics
- Graph Algorithms (Graduate Course)
- Security , Privacy and Intelligence on the Internet (Graduate Course)

WORK

DevOps Engineer
Synthetica

01/2023 - Present

Achievements/Tasks
- Optimize Cloud Costs
- Build monitoring for Cloud
- Design application systems
- Build CI/CD pipelines

DevOps Engineer
MR Healthtech

01/2022 - Present

Achievements/Tasks
- Implement and manage build infrastructure.
- Resolving tickets in time
- Managing application configuration
- Writing code for automating processes

Software Engineer
Telecommunications and Networks Laboratory - ICS FORTH

11/2018 - 12/2021

Achievements/Tasks
- Implement an Module Extension for a tool which mitigates BGP Hijacks called ARTEMIS in Python (RIPE NCC Community Project Funded 2019 - 50.000€)
- Implement REST API with Python, Django, PostgreSQL in Docker containers
- Implement a Graph visualization tool for traceroutes in Python

Internship at Summer of HPC 2021
PRACE

07/2021 - 09/2021

Courses
- Worked on Quantum Algorithms and their Applications
- Worked on Grover's Algorithm
- Implement Shor's Algorithm for numbers 91 and 35

EXPERTISE

Python SQL C C++ Java Matlab
Bash Linux/UNIX Django Kubernetes
REST API Git PostgreSQL Docker Terraform
Jenkins Ansible Maven MongoDB Nginx
GCP AWS

CONFERENCES

ACM SIGCOMM (2021) (Volunteer)

EuroSYS (2020) (Presenter)
- Presenting my work Smart Data Filtering in the RIPE Atlas Measurement Platform

RIPE 80 (2020) (Presenter)
- Presenting my work Smart Data Filtering in the RIPE Atlas Measurement Platform

ACM CoNEXT (2018) (Volunteer)

ACHIEVEMENTS

Google Hash Code Competition: 2614th place (2021)
It's a Google's coding competition where teams around the world are trying to optimize a problem with code.

Best Project Award 2021 In Complex Network Dynamics (2021)
Analyzed the Greek ASNs and their connections with the rest of the world and presented this with a new graph visualization technique

UniWA CTF: 2nd Place (2021)
It's a Security Challenge in which the universities of Greece are competing to break into some vulnerable Linux machines

Google Hash Code Competition: 6730th place (2020)
It's a Google's coding competition where teams around the world are trying to optimize a problem with code.

Intel and Udacity Scholarship in Edge AI for IoT devices. (12/2019 - 03/2020)
Competed to get into the Edge AI for IoT devices and learn about optimizing performance of IoT devices close to the end user

Best Project Award 2018 In Computer Networks (02/2018 - 06/2018)
Implement an overlay network for getting files with the optimal path using different metrics and with some security additions

Google and Udacity Scholarship for Android Development for Beginners. (01/2017 - 04/2017)
Competed to get into the Android development and learn about the basics of programming applications for Android phones.

LANGUAGES

Greek
Native or Bilingual Proficiency

English
Professional Working Proficiency