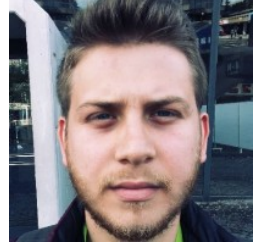


Armağan Karatosun



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Personal Information:

Nationality : T.C.
Place of Birth : Istanbul
Date of Birth : 16/08/1992
Military Service : Postponed
Marital Status : Married
Languages: Turkish - Native
English - Fluent
German - Basic

About Me:

- I believe learning is a lifelong endeavor. I have strong ability to learn on my own and take in new information and ideas.
- I am willing to attend and/or speak at industry conferences and share my knowledge with others.
- I am not a lone wolf. I can be a good communicator who plays well with others.
- I believe in DevOps. I aim to release quality software rapidly and repeatedly.
- I try to be a problem solver and embrace “can-do” attitude.

Education:

2018 - Present. PhD in Computational Science and Engineering at Faculty of Informatics at Istanbul Technical University (ITU).

2014 / 2018. Master’s Degree in Computational Science and Engineering at Faculty of Informatics at Istanbul Technical University (ITU), Istanbul, GPA 3.33/4.00

2010 / 2014. Bachelor’s Degree in Mechanical Engineering at Faculty of Engineering at Dogus University, Istanbul, GPA 2.7/4.00

Employment History:

1- 2018/ ... – Turkish Economy Bank (BNP Paribas) – Unix/Linux and Data Storage Systems Project Expert

2- 2017 / 2018 – Equinix – Linux System Administrator.

3- 2014 / 2017 - Istanbul Technical University – Project Assistant.

Professional Expertise

Programming Languages: C/C++, MPI /OpenMP, Python, Fortran, Bash

CI/CD Tools: Gitlab CI (Gitlab-runner), Jenkins, Git

Automation Tools: Ansible, Ansible Tower, Cloud-init

Monitoring Tools: Nagios(Icinga), Zabbix, PRTG, Monit

Virtualization: VMware, OpenStack, Xen

Containers: Docker, Lxc(lxd), Kubernetes

Services: MySQL, MSSQL, Apache, Nginx, BIND

Details:

- Experienced in the installation, automation and orchestration of the Linux Servers.
- Experienced in the designing and delivering automation tools with Ansible and Ansible Tower.
- Experienced in Red Hat Enterprise Linux and other Red Hat products such as Openshift, CloudForms, Satellite and Identity Management.
- Participated the design and the deployment processes of the PaaS and IaaS solutions and related concepts.
- Familiar with Google Cloud Platform and Microsoft Azure
- Familiar with containerization and container management technologies such as Docker, Docker Swarm and Kubernetes.
- Familiar with continuous integration tools.
- Eager to use and/or adapt new technologies.

Trainings and Seminars:

- Introduction to OpenStack - LinuxFoundationX - LFS152x
- Introduction to Kubernetes - LinuxFoundationX - LFS158x
- ITU Linux System Administration Course
- ITU MPI Course
- ITU CUDA Programming Course

Publications:

[1] Karatosun, Armağan, Mehmet Çankaya, and Adem Tekin. "Symmetry-adapted perturbation theory potential for the adenine dimer." *Physical Chemistry Chemical Physics* 20.41 (2018): 26303-26314.

Conferences:

[1] Armağan Karatosun, Adem Tekin. The Thymine Dimer Potential from a Combined Density Functional Theory and Symmetry-Adapted Perturbation Theory. 52nd Symposium on Theoretical Chemistry, Chemistry in Solution (STC 2016), Bochum, Germany. September 2016

Hobbies:

- Information Technologies
- Games (mostly RPG)
- Natural Sciences (Astronomy, Physics and Biology)
- Reading books
- Applied Sciences (Computer Engineering - Mechatronics and Materials Engineering)
- Social Studies (History and Philosophy)

References:

- Niyazi Elvan – Turkish Economy Bank – Unix/Linux and Storage Systems Team Leader
E- Mail: niyazi.elvan@teb.com.tr
- Mustafa Kemal Mayuk – Turkish Economy Bank – Unix/Linux and Storage Systems Associate Team Leader, E- Mail: mustafakemal.mayuk@teb.com.tr