

Armağan Karatosun

Adress : Çengelköy Mah. Kaldırım Cad. Orme Sitesi 20. blok D:1
Çengelköy – İstanbul - Turkey
Gsm : +90532 788 84 87
E-Mail : armagankaratosun@gmail.com
Web : armagankaratosun.github.io
LinkedIn: linkedin.com/in/armagan-karatosun-15941182/



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

Career Goals:

- Always be inquisitive and eager to learn new technologies
- Evolve and proceed forward with my colleagues
- Maintain high moral qualities

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/ Current – Turkish Economy Bank (TEB) – Unix/Linux and Data Storage Systems Project Expert
- 2-** 2017 / 2018 – Equinix – Linux System Administrator.
- 3-** 2014 / 2017 - ITU – Project Assistant.

Professional Expertise

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

Automation Tools: Jenkins, Ansible, Git

Monitoring Tools: Nagios, PRTG, Monit

Services: MySQL, MSSQL, Apache, BIND, Exim

Virtualization: VMware, OpenStack, Xen, Docker

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 RHEL Linux and other Red Hat products such as Satellite and Identity Management.
- Experienced with Onapp/Xen Cloud Management Platform.
- 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
- 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:

- Computer Technologies
- Games (mostly RPG)
- Hardware Reviews for my YouTube Channel
- Game Reviews for my YouTube Channel
- Natural Sciences (Astronomy, Physics and Biology)
- Reading books
- Applied Sciences (Engineering - Mechatronics and Materials Engineering)
- Social Studies (History and Philosophy)

References:

- Niyazi Elvan – Turkish Economy Bank – Unix and Storage Systems Team Leader
E- Mail: niyazi.elvan@teb.com.tr
- Adem Tekin – Istanbul Technical University – Head of the Department
E-Mail: adem.tekin@be.itu.edu.tr