

VOLUNTEER EXPERIENCE

Chief Scientific Officer (CSO) 2019 – 2020

Head of Software Squad 2018 – 2019

Scientific Association of Computer Science, University of Tehran

- Managed 10+ workshops and courses, such as the first Flutter course in Iran with 60+ students.

Teaching Assistant

Department of Mathematics, CS, and Statistics, University of Tehran

- Number Theory**
 - by [Amir Ghadermarzi](#)
- Foundations of Mathematics**
 - by [Mojtaba Mojtahedi](#)
- Logic**
 - by [Mojtaba Mojtahedi](#)
- Linear Algebra**
 - by [Siamak Yassemi](#)

PUBLICATIONS

DIVISOR TOPOLOGIES AND THEIR ENUMERATION

Journal of Algebraic Systems · 2022

F. Esmaeeli, K. Mirzavaziri, M. Mirzavaziri

DOUBLE DERANGEMENT PERMUTATIONS

Open Journal of Discrete Mathematics (OJDM) · 2016

P. Daneshmand, K. Mirzavaziri, M. Mirzavaziri

A CHARACTERIZATION FOR 2-SELF-CENTERED GRAPHS

Seminarium Matematyka Dyskretna · 2015

K. Mirzavaziri, M. Mirzavaziri, M. H. Shekarriz

k-COMBINATIONS OF AN UNLABELLED GRAPH

Creative Mathematics and Informatics · 2015

M. R. Ebrahimi Vishki, Kamyar Mirzavaziri, Madjid Mirzavaziri

UNDERSTANDINGS

- Data Structures & Algorithms**
- Formal Languages & Compilers**
- Functional Programming (λ -Calculus)**
- Object-Oriented Programming**
- Model–View–Controller Pattern**
- Object–Relational Mapping Technique**
- Git**
- Network Sockets, TCP, UDP**
- HTTP**
- REST APIs**
- Protobuf**
- gRPC**

SKILLS

DEVOPS

Linux (Ubuntu) (6Y) **Docker** (2Y) **Kubernetes** (1Y)
GitHub Actions (1Y) **Gitlab CI** (1Y) **Nginx** (2Y)
Ansible (1Y)

DATABASES & QUEUES

MySQL (9Y) **Redis** (3Y) **PostgreSQL** (1Y)
MongoDB (1Y) **RabbitMQ** (1Y) **Kafka** (1Y)

LANGUAGES & FRAMEWORKS

Python (6Y) **Django** (1Y) **Go** (1Y) **PHP** (9Y)
Symfony (1Y) **JavaScript** (9Y) **Coq** (1Y)

WEB

HTML (9Y) **Jinja** (1Y) **Twig** (2Y) **CSS** (9Y) **Sass** (1Y)
UIKit (1Y) **Bootstrap** (9Y)

OTHER TOOLS

Prometheus (1Y) **Grafana** (1Y)

MINOR ENCOUNTERS

WordPress (2Y) **UI/UX Design (Figma)** (1Y) **Latex** (8Y)
Flutter (<1Y) **Dart** (<1Y) **Meta Spark** (<1Y)

CERTIFICATES

Go (Intermediate) Certificate

HackerRank · 2023

[Show credential](#)

SQL (Advanced) Certificate

HackerRank · 2023

[Show credential](#)

Rest API (Intermediate) Certificate

HackerRank · 2023

[Show credential](#)

READS

- Clean Code: A Handbook of Agile Software Craftsmanship**
Robert C. Martin
- Logical Foundations**
Benjamin C. Pierce, et al.
- Refactoring: Improving the Design of Existing Code**
Martin Fowler, et al.