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September 27, 2022

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Education

- **Ferdowsi University**

B.Eng. Computer

Mashhad
2018 – 2023

- **GPA: 3.92/4.0** — 18.98/20.0
- Class Rank: **3rd** among 120 classmates (2.5% of best students)
- Project: cloud

- **NODET school**

High School Diploma of Mathematics & Physics

Neyshabur
2012 – 2018

- GPA: 3.97/4.0 — 19.8/20.0

Personal Statement

A fast-learner who is fascinated by taking part in teamwork activities like pair programming and sharing knowledge in groups.

Awards & Honours

Ranked 280th among 1.4m participants in the universities entrance exam in Iran (konkoor) . 2018
One of 5 chosen Members of east Universities attending to national Olympiad 2022

Teaching Experience

- **Advanced Programming**

Teaching Assistant - Prof. NouriBaygi

Ferdowsi University
Winter 2020

- Led weekly labs guiding students through difficult problems
- Created assignments, examinations

- **Discrete Mathematics**

Teaching Assistant - Prof. Ghaemi Bafghi

Ferdowsi University
Fall 2019, Winter 2020

- Created assignments, examinations, guiding students through difficult problems

Work Experience

- **Devops Engineer**

Full-time

[Skyroom Company](#)

Mar. 2020 - Present

- Setup & manage Kubernetes cluster for Skyroom Production Softwares
- Linux System administration for vm(virtual machine) and BareMetal servers
- Setup & manage ELK (elastics monitoring stack)
- Setup & manage monitoring stacks such as Prometheus , Grafana
- Setup & maintenance linux servers for different productions
- Git flow and CICD pipelines

Some of Academic Projects

- Implementing [\[This Paper\]](#) Data Clustering Based On Key Identification in Python and use it in order to cluster Reddit comments with the help of BOW and W2V [\[Colab\]](#)
- Parallelized Genetic Algorithm using OpenMP(opm) Implemented in C++ [\[github repo\]](#)
- Parallelized Genetic Algorithm Implemented in CUDA GPU programming language [\[Colab\]](#)
- Implementing A* IDS IDA* BFS BDS algorithms for a gold searching game [\[github repo\]](#)
- Simulate Chess Player Using AI methods like Transposition table [\[github repo\]](#)
- Network tool implemented using pure web socket library in C which could do the following : 1-port scan 2-ping 3-traceroute 4-host discovery using arp [\[github repo\]](#)
- Regular Grammar to NFA/DFA Converter implemented in Java [\[github repo\]](#)
- Calculate Histogram of Images Before and After applying a Gaussian Filter using different methods of processes communication (message passing, shared memory) [\[github repo\]](#)
- Multi Thread Search Engine Using Trie Tree Data Structure to Boost Speed implemented in different modes for race condition avoidance in Java [\[github repo\]](#)
- Implementing Operating System Scheduling Algorithms For Managing a Sample Restaurant (Earliest Deadline First, Rate Monotonic, The Least Laxity First) [\[github repo\]](#)

Some Of Important Courses Scores

- Advanced Programming: 19.83/20.0(A+)
- Algorithm Design: 20.0/20.0(A+)
- Artificial Intelligence: 20.0/20.0(A+)
- Discrete Mathematics: 18/20.0(A+)
- Linear Algebra: 19.0/20.0(A+)

- Machine Learning and Computational Intelligence: 19.5/20.0(A+)

Technical Skills

- Programming Languages
 - C, Java, Python, Bash, SQL, Javascript
- Markup Languages
 - CSS, L^AT_EX, (X)HTML
- Tools & Softwares
 - Kubernetes, Docker, Gitlabci, Ansible, JMeter, Nginx, HAProxy, Prometheus, loki
 - ELK, EFK stack(Elasticsearch, Logstash, Kibana, Fluentd)

Professional Membership

- One of 5 head members of student union of computer engineering elected by all students votes:
April 2019 – April 2020

Hobbies

- Swimming, Soccer, Basketball, Volleyball, Horse Back Riding