

Seyed Mohammad Hossein Hosseini

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Education

- **Ferdowsi University** Mashhad
B.Sc. in Computer Engineering 2018 – 2023
 - CGPA: 19.12/20.0 — 3.93/4.0 [[Official Verification Link](#)]
 - TOEFL: 109(reading:28, listening:28, speaking:26, writing:27)

Teaching Experience

- **Operating Systems** Ferdowsi University
Teaching Assistant - Prof. Mohammad Allahbakhsh Fall 2023
- **Logic Circuits** Ferdowsi University
Teaching Assistant - Prof. Sara Ershadi-Nasab Fall 2023
- **Discrete Mathematics** Ferdowsi University
Teaching Assistant - Prof. Ghaemi Bafghi Fall 2019 and Winter 2020
- **Advanced Programming** Ferdowsi University
Teaching Assistant - Prof. NouriBaygi Winter 2020

Courses Projects

- Implementing a sample Data Clustering Based On Key Identification to cluster Reddit comments [[Colab](#)]
- Parallelized Open-Source Scheduling Algorithm using OpenMP(omp) in C++ [[github repo](#)]
- Regular Grammar to NFA/DFA Converter implemented in Java [[github repo](#)]
- Implementing A* IDS IDA* BFS BDS algorithms for a gold searching game [[github repo](#)]
- Implementing Operating System Scheduling Algorithms For Managing a Sample Restaurant (Earliest Deadline First, Rate Monotonic, The Least Laxity First) [[github repo](#)]

Internship Experience

- **Intern Devops and Software Engineer (Part-time)** Skyroom online education
Educational online distance-learning video-conference platform Mar. 2020-Oct. 2022
 - Design, build, and maintain software tools for deployment, monitoring, and operations of Skyroom education and learning video-conference application

Technical Skills

- Programming Languages
 - C, Java, Python, Bash, SQL, Javascript
- Markup Languages
 - \LaTeX , CSS, (X)HTML
- Tools & Software
 - Linux, Git, Ansible, Prolog, Nginx, HAProxy, Prometheus, loki
 - ELK, EFK stack(Elasticsearch, Logstash, Kibana, Fluentd)

Hobbies

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