

# 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 software tools for Skyroom education and learning video-conference application

## Technical Skills

- Programming Languages
  - C, Java, Python, Bash, SQL, Javascript
- Markup Languages
  - $\text{\LaTeX}$ , 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