

Korosh Agha Mohammad Ghasemi | Curriculum Vitae

University of Shiraz—Chemical Engineering

☎ (+98) 917 186 5293 • ✉ koroshuni@gmail.com • 🌐 koroshkorosh1
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RESEARCH INTERESTS

- AI programming
- Machine Learning
- Process Control
- Polymer

EDUCATION

- **Bachelor of Science** [2019 – Present]
🎓 *Shiraz University*
- Chemical Engineering
- **GPA: 3.92/4 (Present)** *Shiraz-Iran*
- **High School** [2016 – 2019]
🎓 *Shahid Motahari High School*
- **GPA: 4/4** *Bushehr-Iran*

HONORS

- Rank **10 Percent First** Chemical Engineering, Shiraz University, Shiraz, Iran.
- Ranked **1000st** in university entrance exam, among more than 200,000 participant [Summer 2019].
- Granted admission from Talented Student Office of Shiraz University for graduate study.

WORK EXPERIENCE

- 🏢 Kheilisabz Company
- **Book Editor**
- Chemistry Test Book
- 🏢 Ghalamchi Company
- Teaching Assistant
- Provide of educational and emotional support for High school Students












LANGUAGE SKILLS

- Persian Native
- English Fluent
- **IELTS will be taken in near future.**

COURSES

- | | |
|---|---|
| ○ 🎓 MATLAB Programming [Feb 2020]
- Instructor: Dr. Fatemeh Hejazi
- Grade:A ++ | ○ 🎓 Engineering Mathematics [Feb 2021]
- Instructor: Dr. Mohammad Khorram
- Grade:A + |
| ○ 🎓 Fluid Mechanics 1 [Feb 2021]
- Instructor: Dr. Shadi Hassanajili
- Grade:A | ○ 🎓 Software Workshop [Feb 2021]
- Instructor: Dr.Faezeh Hashemi
- Grade:A + |

Online Courses

-  Basic Python Programming
-  Python 3.6 for Total Beginners
-  Learn Python, Basic to Advance
-  Python 3 Master Course for 2021
-  Einstieg in Excel-Dashboards
-  Microsoft Office 2019
-  MATLAB Basics
-  MATLAB/SIMULINK Basics
-  Complete MATLAB Programming
-  CSS3 Fundamental
-  Git and GitHub
-  Visual Studio Code


COMPUTER SKILLS

- o Python
 - Tensorflow
 - PyTorch
 - Sklearn
 - Gensim
 - Matplotlib
 - Pandas
 - NumPy
- o MATLAB
 - Optimization Techniques
 - Machine Learning
 - Deep Learning
- o Visual Studio Code
- o PyCharm
- o C/C++
- o Microsoft Office
 - Word
 - Excel
 - PowerPoint
 - Project
 - Visio
 - Access
- o CSS
- o HTML
- o JavaScript
- o L^AT_EX
- o Java
- o Adobe InCopy
- o Adobe Premiere Pro
- o SOLIDWORKS

Projects

- o Polymer Flooding (Group project) [Feb 2021]
 - Enhanced oil recovery (EOR)
 - Data analysis with Python and MATLAB
 - Simulations of Enhanced Oil Recovery Processes
 - Review the method and the negative and positive points
 - Instructor: Dr. Shadi Hassanajili

TEACHING EXPERIENCES

- o Teaching Assistant [Feb 2021]
 -  Advanced Programming
 - Leading and supervising students in course material, exams (MATLAB)
 - Instructor: Dr. Keyvani

! References, Further information, and Proofs are available upon Request