

ALI DARIJANI



I am a half mathematician, half computer scientist who has the mathematical knowledge to understand the underlying work of an existing software tool and the programming skill to bend it to his will. And that is pretty much it.

CONTACT

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🏠 <https://adarijani.github.io>
📧 @adarijani
📌 Ali Darijani

SKILLS

Programming

C/C++, Python, *sh
TeX, MATLAB



Operating Systems

Unix-like, POSIX



Software & Tools

Visualisation

(e.g. OpenGL, matplotlib, gnuplot, Graphviz, MATLAB, ...)



Data handling/analysis

(e.g. numpy, scipy, pandas, MATLAB, ...)



Machine Learning

(e.g. TensorFlow, Keras, MATLAB, ...)



Image Processing

(e.g. OpenCV, ImageMagick, FFmpeg, MATLAB, ...)



Database

(e.g. SQL, BigQuery, ...)



Office



Mathematical Skills

Linear Algebra

Real Analysis

Differential Geometry

Modelling(odes/pdes)

Signal/Image Processing

Linear Inverse Theory

Probability/Statistics

Data Analysis

Non-linear Optimization

Machine/Deep Learning



Languages

English

German



WORK HISTORY

📅 2022
📍 DAP, Fraunhofer, Aachen, Germany
R&D
HIWI

📅 2019
📍 Graduate School AICES of the RWTH Aachen
SDEs, Monte Carlo, Fokker-Planck
HIWI

📅 2019
📍 Graduate School AICES of the RWTH Aachen
Academic English Editor
HIWI

📅 2016
📍 Kerman Gas Company, Kerman, Iran
R&D
Intern

📅 2015
📍 SAIPA Company, Tehran, Iran
R&D
Intern

EDUCATION

📅 2010 - 2016
📍 Sharif University of Technology, Tehran
Bachelor of Science

📅 2018 - 2022(expected)
📍 RWTH Aachen University, Aachen
Master of Science

ACHIEVEMENTS, HONOURS AND AWARDS

🏆 Full Scholarship given by Ontario Tech University

GENERAL SKILLS

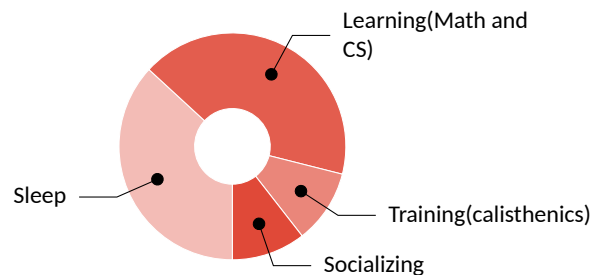
googling

subliminal pattern recognition

touch typing

speed-reading

WHEEL CHART



CERTIFICATES

TOEFL, GRE, RWTH English Certificates
MATLAB, kaggle