

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
in 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

(FEniCS, ...)



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	HIWI
R&D	
📅 2019	
📍 GRS Graduate School, Aachen, Germany	HIWI
SDEs, Monte Carlo, Fokker-Planck	
📅 2019	
📍 GRS Graduate School, Aachen, Germany	HIWI
Academic English Editor	
📅 2016	
📍 Kerman Gas Company, Kerman, Iran	Intern
R&D	
📅 2015	
📍 SAIPA Company, Tehran, Iran	Intern
R&D	

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

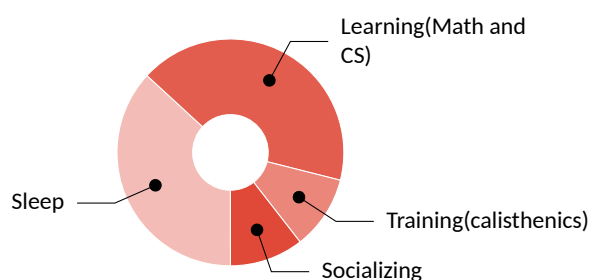
googling

subliminal pattern recognition

touch typing

speed-reading

WHEEL CHART



CERTIFICATES

TOEFL, GRE, RWTH English Certificates
MATLAB, kaggle