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Education

RWTH AACHEN UNIVERSITY

MSC IN SIMULATION SCIENCES

📅 2022 📍 Aachen, Germany

- THE COVETED TEAMMATEE

SHARIF UNIVERSITY OF TECHNOLOGY

BSC IN MECHANICAL ENGINEERING

📅 2017 📍 Tehran, Iran

- THE COVETED TEAMMATEE

Links

🔗 homepage [adarijani](#)

🐙 GitHub [adarijani](#)

in LinkedIn [Ali Darijani](#)

Courses(Passed/Audited)

C++

HPC Using C++

Parallel Computational Mechanics

Machine Learning

Advanced Machine Learning

Mathematical Signal/Image

Processing

Data Analysis and Visualization

Introduction to Data Science

Dissertation: Algorithm Unrolling in Deep Learning

Experience

SOFTWARE ENGINEER

RWTH AACHEN UNIVERSITY

📅 April 2022 – January 2023

📍 Aachen, Germany

- OpenGL, Computer Graphics, Differential Geometry

SOFTWARE DEVELOPER

RWTH AACHEN UNIVERSITY

📅 April 2022 – January 2023

📍 Aachen, Germany

- OpenGL, Computer Graphics, Differential Geometry

SOFTWARE DEVELOPER

RWTH AACHEN UNIVERSITY

📅 November 2018 – February 2019

📍 Aachen, Germany

- Continuum Mechanics, C++, English Technical Editor

SOFTWARE DEVELOPER

RWTH AACHEN UNIVERSITY

📅 April 2018 – November 2018

📍 Aachen, Germany

- SDEs, Monte Carlo, Fokker-Planck

Soft Skills

Google-fu, Subliminal Pattern Recognition, Speed Reading, Time Management,

Recent Projects

COMPUTATIONAL GEOMETRY

RWTH AACHEN UNIVERSITY

📅 April 2022 – January 2023

📍 Aachen, Germany

- OpenGL, Computer Graphics, Differential Geometry

UNIX/Linux/POSIX

At the level of:

Linux Professional Institute LPIC-1

C/C++/Python

GENERAL CONCEPTS

Object-Oriented Programming •

Template Programming •

ADVANCED

High-Performance Computing ••

OpenMP • MPI • Concurrency •

Multi-Threading •

Honors

SCHOLARSHIP

Ontario Tech University

Full Scholarship

Sharif University of Technology

Full Scholarship