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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

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

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

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• OpenGL, Computer Graphics, Differential Geometry