

Zahra Nasrollah

Last Updated on 1st April 2023

+4915736511761 @ zs.nasrollah@gmail.com URL adarjani GitHub ZahraNSL in LinkedIn AD

Education

COLOGNE UNIVERSITY

PH.D STUDENT IN

COMPUTATIONAL BIOLOG

2017

Germany

- Thesis : Learning the Topology of Latent Signaling Networks from High Dimensional Transcriptional Intervention Effects

INSTITUTE FOR ADVANCED STUDIES IN BASIC SCIENCES

MSC IN COMPUTER SCIENCE

2010-2013

Iran

- Thesis : Inclusion of Epigenetic Prior in Gene Regulatory Network Reconstruction using Bayesian Models

AZAD UNIVERSITY

BSC IN COMPUTER SOFTWARE

ENGINEERING

2004-2008

Iran

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

Work Experience

SOFTWARE DEVELOPER

OPERAIZE GMBH

since 2021

Cologne, Germany

- Optimization for Production Planning, Reinforcement Learning

RESEARCH SCIENTIST

COLOGNE UNIVERSITY

2017-2020

Cologne, Germany

- Software development for a mathematical model to learn network structure

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