

NADJA AOUTOUF

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EDUCATION

Master's degree candidate in Applied Mathematics at ETH Zurich *Feb. 2019 - present*
with focus on Theoretical Computer Science

Courses in the area of Computational Statistics & Modelling, Cybersecurity, Information Theory, Cryptography and Mathematical Optimization

Bachelor's Degree in Mathematics at ETH Zurich *Sep. 2015 - Feb. 2019*

final certificate: B.Sc. Mathematics

Bachelor Thesis: *Poisson kernel and Hardy spaces*

Courses in the area of Theoretical Computer Science, Information Security, Algorithms and Complexity, Graph Theory, Algebra, Probability and Statistics, Physics

Marie-Curie Gymnasium, Neuss *Sep. 2012 - Jul. 2015*

with focus on Mathematics and Chemistry

final certificate: allgemeine Hochschulreife

Mildred-Scheel Realschule, Neuss *Sep. 2006 - Jul. 2012*

final certificate: Fachhochschulreife

WORK EXPERIENCE

Allianz SE, Zurich *May 2019 - Apr. 2020*

Student Trainee

Maximilianeum House Administration Assistant, Zurich *Oct. 2019 - present*

In charge of a student housing over 100 people from 15 different nations

PROJECTS

BP Europe SE - Innovation Workshop *Mar. 2020 - Jul. 2020*

The aim of our project is to develop a system that is meant to improve the energy efficiency performed in the existing refinery process.

IT SKILLS

Programming & Skills

C++, Python, R, MATLAB, Swift, Excel

Software & Tools

LaTeX, Mathematica, Rstudio

LANGUAGES

German *mother tongue*

English *fluent*

EXTRACURRICULAR ACTIVITIES

Scholarship of the FEMTEC Career-Building Program

The aim of this program is to prepare STEM enthusiasts for professional practice and future management tasks.