



CHRISTOS KONSTANTINOPOULOS

- UBS, Axpo, EKZ, Swissgrid, ABB
- MSc at ETH and MSc at NTUA

EDUCATION

MSc in Energy Science & Technology (Dept. of ITET/MAVT) Eidgenössische Technische Hochschule Zürich (ETH)

2016 – 2018

- ✓ GPA: 5.41/6
- ✓ Master thesis: "Reliability assessment of PV units in primary and secondary frequency control ancillary services"

BSc & MSc in Mechanical Engineering National Technical University of Athens (NTUA)

2010 – 2015

- ✓ GPA: 8.70/10
- ✓ Master thesis: "A comparative feasibility analysis of Renewable Energy Sources investments for electricity production"

Machine Learning Eidgenössische Technische Hochschule Zürich (ETH)

02/2020 – 08/2020

WORK EXPERIENCE

UBS - Altstetten, Switzerland

Automation Solutions Developer, Authorized Officer

5/2021 – current

- Responsible for designing, developing, testing and rolling out solutions that automate business processes within UBS
- IT Solutions in scope: AA, C#, VB.NET, Power BI, MS Access

UBS - Altstetten, Switzerland

IT Business Analyst, Contractor

11/2020 – 4/2021

- Assessed opportunities to automate business processes
- Designed process improvements that leverage process automation technologies

EKZ - Dietikon, Switzerland

Smart Energy

9/2020 – 11/2020

- Design of automated solutions in the area of Smart energy/Smart Grids

Axpo - Baden, Switzerland

Business Analyst, Contractor

5/2019 – 9/2019

- Monitored & identified data issues of more than 1500 data points of power and gas production/consumption
- Improved the processes to detect and solve data issues more efficiently

COMPUTER SKILLS

Programming

C#	Good
VB.NET	Good
AA	Good
Python	Good
Matlab	Basic

Databases

MS Access	Good
SQL	Good

Simulation Software

Simulink	Good
Actus	Basic

Data Analysis Software

Power BI	Good
Excel	Good

Project Management Software

Jira	Good
Visio	Good

LANGUAGES

English (C2)

German (B2)

Greek (Native)

HOBBIES

Member of a Basketball Club
Indoor and outdoor sports
Summer camps
Travelling and discovering new cultures

CONTACT

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Date of Birth: 1.11.1992

Nationality: Greek

Residence Permit: Type B

Axpo - Baden, Switzerland

Renewable Energy Data Analyst, Intern

11/2018 – 5/2019

- Managed the database of more than 600 renewable assets
- Developed analytics to compare forecast quality of external forecast providers

Swissgrid - Aarau, Switzerland

TSO Market Planning, Intern

4/2018 – 9/2018

- Evaluated the capability of storage-less photovoltaic systems to provide frequency control
- Proposed a strategy to participate in ancillary services based on a statistical analysis of historical forecast error data

ABB - Baden, Switzerland

Technical Service Manager, Intern

9/2017 – 3/2018

- Improved the troubleshooting tool which facilitates and structures the problem-solving process of turbochargers
- Investigated and simulated more than 100 typical failure problems of turbocharged engines

PUBLICATIONS

"Reliability assessment of PV units in primary and secondary frequency control ancillary services", Presentation on the International Conference on European Energy Market and publication on IEEE, 2019

SCHOLARSHIPS/AWARDS

Bodossaki Foundation

2016 – 2018

- Scholarship for my master's degree at ETH

Gregory Farakos

2015

- Award to the three Mechanical Engineers with the highest GPA in the Energy Engineering Specialization at NTUA

OTHER EXPERIENCES

Military service - Xanthi, Greece

Communication Center Officer

9/2015 – 6/2016

Office management & organization