





KONSTANTINOS PATELIS

Highly motivated individual with experience in risk analytics and a passion for data. Proficient in problem solving and eager to face new challenges, I am currently searching for a position that allows me to build innovative analytical tools leveraging a combination of visualization, machine learning, and software engineering to help myself and others explore and understand data in new and insightful ways.

EDUCATION

- 2019/10
|
2016/09
- **MSc in Management, Technology and Economics (120 ECTS)**
Swiss Federal Institute of Technology (ETHZ)  Zurich, Switzerland
 - GPA: 5.45/6 (Class GPA: 5.16)
 - Thesis Title: "The effects of immigration reform on the health sector - Evidence from Switzerland"
 - Experience in economic theory, econometrics, business analytics
- 2015/10
|
2010/09
- **MEng in Mechanical Engineering (313 ECTS)**
National Technical University of Athens (NTUA)  Athens, Greece
 - GPA: 7.87/10 (Top 15%)
 - Thesis Title: "Contribution to the Aerodynamic Optimization of the DrivAer Generic Car Model using Continuous Adjoint Methods and OpenFOAM"
 - Specialization: Air and Ground Transport Vehicles
- 2010/06
- **High School Graduation**
 Athens, Greece
 - GPA: 19.2/20


INDUSTRY EXPERIENCE

- Current
|
2019/01
- **Credit Risk Analyst - Combined Stress Testing**
UBS AG Business Solutions  Zurich, Switzerland
 - In charge of analysing multiple models under the Combined Stress Testing and Economic Capital Frameworks
 - Contributing to internal and regulatory reporting both for UBS Group AG and its Legal Entities
 - Improved efficiency of regulatory reporting by a factor of 10 by automating data processing and report generation through R scripts
 - Augmented my team's analytical tools by creating dashboards with R and Shiny to analyse increasing volumes of data
 - Team representative in strategic infrastructure improvement projects
 - Performing business adoption testing for IT-designed solutions
 - Set requirements and developed prototypes for strategic adoption of analytical dashboards and automatic report generation for our models

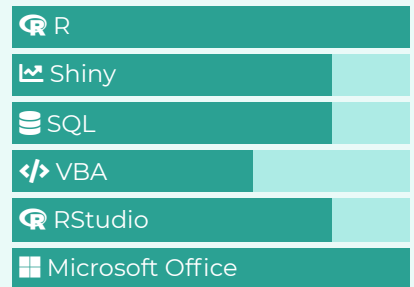


View this CV online at
https://www.kpatelis.com/kpatelis_cv

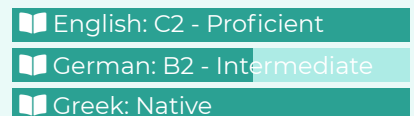
CONTACT

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 [linkedin.com/in/kospatelis](https://www.linkedin.com/in/kospatelis)

SKILLS



LANGUAGES



Made with the [pagedown](#) and [datadrivencv](#) R packages.

Last updated on 2021-04-04.

2018/12
|
2018/01

Intern – Risk Analysis and Reporting

UBS AG Business Solutions

📍 Zurich, Switzerland

- Responsible for 7 individual Issuer & Credit Risk reports
- Analysing on scenario-based stress metrics of the Issuer Risk portfolio
- Contributing to key senior management and regulatory deliverables
- Responding timely and effectively to ad-hoc analysis requests
- Improved reporting efficiency by 90% through VBA automation