

KONSTANTINOS PATELIS

Experienced analyst with a focus in risk 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
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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 model analytics for investment bank credit models under the Combined Stress Testing and Economic Capital Frameworks
- Designed and implemented advanced analytics tools and dashboards with R and the Shiny package to handle increasing volumes of data
- Improved efficiency of regulatory deliverables by a factor of 10 by automating data processing pipelines
- Team representative in strategic infrastructure improvement projects
- Contributing to internal and regulatory deliverables both for UBS Group AG and its Legal Entities
- Proposed requirements and developed prototypes for strategic adoption of analytics tools
- Benchmarked and tested IT solutions to evaluate readiness for business adoption




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

CONTACT

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SKILLS

 R

 Shiny

 SQL

 Power BI

 VBA

 RStudio

 Microsoft Office

LANGUAGES

 English: C2 - Proficient

 German: B2 - Intermediate

 Greek: Native

2018/12
|
2018/01

Intern – Risk Analysis and Reporting

UBS AG Business Solutions

📍 Zurich, Switzerland

- Responsible for 7 individual Issuer & Credit Risk reports
- Provided analytics support on stress metrics of the Issuer Risk portfolio
- Contributed to key senior management and regulatory deliverables
- Provided analytics support for ad-hoc requests timely and effectively
- Improved process efficiency by a factor of 10 through VBA automation