

# 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 analytics solutions 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 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 stress testing 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
- Designed requirements and developed prototypes for strategic adoption of analytics tools within the organization
- Benchmarked and tested IT solutions to evaluate readiness for business adoption




View this CV online at [https://www.kpatelis.com/kpatelis\\_cv.html](https://www.kpatelis.com/kpatelis_cv.html)

## CONTACT

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

## SKILLS

 R

 RShiny

 SQL

 Python

 Tableau

 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

- Provided analytics support on modeled 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