



Curriculum Vitae

Personal information **Mark Thompson**

Work experience

1. Employer: Zurich University of Applied Sciences
 - Start date: 102020
 - End date:
 - Position: Senior researcher
 - Activities: Statistical analysis of financial markets
 - Country: Switzerland
2. Employer: State Medicines Control Agency
 - Start date: 092020
 - End date:
 - Position: Statistical Advisor
 - Activities: _ Assess statistical evidence of clinical efficacy; _ Assess statistical evidence of economic effectiveness of drugs; _ Develop agency's methodology for assessing evidence and uncertainty.
 - Country: Lithuania
3. Employer: Australian Patent Office
 - Start date: 022020
 - End date: 062020
 - Position: Assistant Director
 - Activities: _ Research and construct Bayesian Vector Auto-Regressive model for intellectual property rights demand using Stan (Bayesian software), R (statistical package), and Shiny. _ Software and data architecture _ Project management _ Coordinate government patent offices worldwide to build common database and infrastructure using Amazon Web Services _ Manage 2 developers to produce datasets and code in Python _ Technical agency diplomacy
 - Country: Australia
4. Employer: Arété Statistics AG
 - Start date: 092018
 - End date:
 - Position: CEO
 - Activities: Arété is an inferential statistics consultancy. That means we look for the causes of various phenomena using a wide variety of statistical techniques using both the Frequentist and Bayesian epistemological paradigms. We do this in the areas medical and financial statistics.
 - Country: Switzerland
5. Employer: Austrian Patent Office
 - Start date: 092017
 - End date: 082018
 - Position: Chief Economist
 - Activities: •Economic policy advice •Conduct IPR policy research •Compile data for managerial analysis •Data architecture project management
 - Country: Austria
6. Employer: Tom Capital
 - Start date: 012016
 - End date: 042017
 - Position: Commodity Analyst and Deputy Fund Manager
 - Activities: •Forecasting of oil and Australian dollar markets •Statistical analysis •Trading
 - Fund administration
 - Country: Switzerland
7. Employer: Swiss Patent Office
 - Start date: 082013
 - End date: 122015
 - Position: Economist
 - Activities: •Assessed impact of patent fee hikes on Institute revenues •Calculated the value of the Swiss patent stock •Helped advise the executive and legislature on "Swissness" initiative •Developed a statistical methodology for detecting bad patents
 - Country: Switzerland

Education and training

1. Subject: Swiss Federal Institute of Technology
 - Start date: 102013
 - End date: 092018
 - Qualification: PhD
 - Organisation: _ Panel econometrics _ Bayesian imputation _ Intellectual property valuation
 - Country: Switzerland

Additional information

Publications

Projects

[Memberships](#) _ Promoting Statistical Insight _ International Biometric Society _ OECD IP Data Task Force (formerly)

[Other Relevant Information](#)