

# Hubert Mrugala

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## Education

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### University of Zurich

*Master of Arts, Banking and Finance, GPA – 5.0/6.0*

Coursework included: Doctoral Colloquium in Corporate Finance, Monetary Policy Seminar, Business Cycle Seminar, Bank Treasury Management, History of Monetary Policy 1660-1940, Applied Credit Risk Modeling.

**Zurich**

2019–present

### Aalborg University

*Mobility Studies in Denmark, Economics and Business Administration,*

Final dissertation: Organization theory and Scientific methods.

**Aalborg**

2017–2018

### University of Warsaw

*Licentiate, Financial Management and Accounting, GPA – 4.5/5.0*

Graduation thesis: Valuation and fundamental analysis of Barclays PLC (in Polish).

**Warsaw**

2015–2018

## Languages

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**Polish:** Native

**English:** Proficient

**Chinese:** Proficient (speaking)

**German:** Elementary

## Technical skills

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**Statistics:** Risk measures (VaR, ES), Dependencies (DCC, Copulas, Cholesky decomposition), MC simulations, Network analysis

**Econometrics:** OLS, 2-Stage OLS regressions

**Time Series Analysis:** Detrending, AR, VAR, GARCH models

**Credit Risk Analysis:** Merton structural model, Lending value modeling, Balance sheet analysis

**Coding:** Python, Bash, L<sup>A</sup>T<sub>E</sub>X

## Projects

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- Economic Fluctuations in the Interwar US: VAR Application in the AS-AD Framework [[link](#)]
- Modeling Lending Values for Swiss Blue-Chip Stocks [[link](#)]
- Nowcasting with PMIs
- What explains Interest Rate Swaps
- more on [hmrug.com](http://hmrug.com)

## References

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- Prof. Dr. Ulrich Woitek (University of Zurich)
- Dr. hab. Jakub Gorka (University of Warsaw)

*All available upon request.*