

NICOLA KOLLMANN

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A 25-year-old Banking and Finance graduate with a special interest for corporate finance and research. A curious mind and the ability to solve complex problems in an analytic way are my strengths. Playing football on an international level confirmed my belief that team work is the key to achieve high goals in life.

🎓 EDUCATION

- currently • **University of St.Gallen (HSG)**
PhD in Finance 📍 St.Gallen, Switzerland
- 2018 • **University of St.Gallen (HSG)**
Master of Arts HSG in Banking and Finance 📍 St.Gallen, Switzerland
Thesis: Dyadic wavelet and its application in edge detection
- 2017 • **BI Norwegian Business School**
Exchange Semester 📍 Oslo, Norway
- 2016 • **University of Bern**
Bachelor of Science in Business Administration 📍 Bern, Switzerland

💻 RESEARCH EXPERIENCE

- currently | 2018 • **Graduate Research Associate**
Competence Center of Corporate Finance 📍 St.Gallen, Switzerland
 - Performed computational biology research towards understanding regulation of alternative splicing in human and mouse transcriptome.
 - Found EGFR pathway related mutations, aimed to understand the impacts of cancer mutations on EGFR signaling pathway.

🏢 PROFESSIONAL EXPERIENCE

- 2018 • **Business Development Associate**
Lopag Trust reg. 📍 Ruggell, Liechtenstein
 - Taught R language to beginners.
 - Wrote Shiny app demos.
 - Converted statistical tutorials from SPSS to R language.
- 2016 | 2015 • **Financial Services, intern**
Lopag Trust reg. 📍 Ruggell, Liechtenstein
 - Analyzed whole-exome sequencing data.
 - Wrote analysis pipelines of ChIP-seq, single cell DNA-seq and single cell RNA-seq.
 - Studied tumor metastasis and wrote research reports.
 - Also did case studies to identify the genetic defect causing rare disease.



CONTACT INFO

For more information, please contact me via [email](#).

SKILLS

Experienced in statistical analysis, statistical learning models, and optimization methods.

Full experience with next generation sequencing data analysis.

Highly skilled in R, Stata, LaTeX

This CV was crafted with [pagedown](#).

Find the source of this CV on [Github](#).

References available on request.

Last updated on 2020-07-05.

2014



Group Accounting, intern

Hilti AG

📍 Schaan, Liechtenstein

- Analyzed whole-exome sequencing data.
- Wrote analysis pipelines of ChIP-seq, single cell DNA-seq and single cell RNA-seq.

- Studied tumor metastasis and wrote research reports.
- Also did case studies to identify the genetic defect causing rare disease.



TEACHING EXPERIENCE

2014



Introduction to R Language for Beginners.

Instructor of R and Data Mining Training Courses at SupStat Inc.

📍 Beijing, China

2016



Computational Biology and Bioinformatics.

Teaching assistant of GBS CB2-201 courses at UAB

📍 AL, USA

2017



SELECTED PUBLICATIONS AND POSTERS

2014



Genetic and epigenetic signals are found predictive to the distribution of intra-individual divergence of alternative splicing.

Poster for 2013 International Conference of Genomics

📍 Qingdao, China

Yu L., Chen B, Zhang Z.

2016



ESCRT-0 complex modulates Rbf mutant cell survival by regulating Rhomboid endosomal trafficking and EGFR signaling.

J Cell Sci. 2016 May 15;129(10):2075-84.

Sheng Z, Yu L, Zhang T, Pei X, Li X, Zhang Z and Du W.