

# PHILIPP STUERNER

I am a Master of Science graduate in management and economics specialized in finance and computer science with work experience in the health care, asset management and banking industry. I am passionate about data science, experienced in developing machine learning models with Python and proficient in bash and git.

## WORK EXPERIENCE

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### ING-DiBa AG

*International Talent Programme – Analytics Trainee*

10/2019 – present

*Frankfurt am Main, Germany*

- Enrolled in ING's four-year International Talent Programme which aims at developing leadership skills and domain-specific knowledge of young professionals
- Individual rotations across different departments to support ING in building models that make banking better, smarter and more personal
- **Second rotation: Outbound Campaigns and Modelling (05/2020 – present)**  
Developing forecast models to focus our marketing and sales channels on the most promising customer group. Enhancing the existing modelling and scoring pipeline into an executable command line interface to allow for further automation
- **First rotation: International Advanced Analytics (10/2019 – 05/2020)**  
Automating Know Your Customer (KYC) processes by developing a machine learning model that predicts suspicious transactions. Main part of my work was related to feature engineering, feature selection, hyperparameter optimisation and handling imbalances in the data set

### Allianz Global Investors GmbH

*Asset Management – Working Student*

10/2018 – 03/2019

*Munich, Germany*

- Future and past oriented simulation of multi-asset portfolios using Python and MATLAB
- Examining historical prices of put options to evaluate cost structures for upcoming products
- Valuation of portfolio allocations on the basis of risk and return indicators

### Allianz Global Investors GmbH

*Asset Management – Intern*

10/2016 – 02/2017

*Frankfurt am Main, Germany*

- Designing capital-market oriented hybrid products for retirement planning
- Insights in the portfolio management and the underlying investment strategies
- Analysis of different asset classes with the Bloomberg Terminal

### Allianz Technology SE

*Finance – Intern*

04/2016 – 10/2016

*Munich, Germany*

- Insights in the finances of a global IT-project
- Assisting the planning and offsetting of the project budget
- Optimization and automation of the day-to-day business by writing VBA macros

**B. Braun Medical Industries Sdn Bhd***Logistics and Project Management – Intern*

09/2015 – 02/2016

*Pulau Pinang, Malaysia*

- Independent coordination and execution of an optimization project
- Data processing and analysis by using Excel, VBA, and SAP ERP
- Implementation of a Kanban System to reduce storage costs

## EDUCATION

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**Ulm University***Faculty of Mathematics and Economics*

04/2017 – 07/2019

*Ulm, Germany*

- Master of Science in Management and Economics with majors in Finance and Computer Science
- Master Thesis: [Algorithmic Cryptocurrency Trading](#)

**University of Applied Sciences Karlsruhe***Faculty of Management Science and Engineering*

09/2012 – 03/2017

*Karlsruhe, Germany*

- Bachelor of Science in International Management
- Bachelor Thesis: Asset allocation in times of financial repression

**Erich-Hauser-Gewerbeschule***Technical Secondary School*

06/2009 – 06/2012

*Rottweil, Germany*

- A-levels

## INTERNATIONAL EXPERIENCE

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**Fudan University***School of Economics*

03/2018 – 07/2018

*Shanghai, China*

- Spring semester at one of China's leading universities
- Chinese language course during the semester
- Scholarship granted by the Baden-Württemberg Stiftung

**Tecnológico de Monterrey***School of Business*

08/2014 – 12/2014

*Santiago de Querétaro, Mexico*

- Stay abroad at one of the most renowned universities in Latin America
- Spanish language course during the semester
- Scholarship granted by the German Academic Exchange Service

## IT SKILLS

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<b>Python</b>	Advanced knowledge. Experienced with major plotting, data wrangling and machine learning libraries, capable of wrapping extensive projects into installable and executable packages, interested in upcoming projects to improve the current workflow
<b>Excel/VBA</b>	Advanced knowledge
<b>SQL/MongoDB</b>	Advanced knowledge
<b>Others</b>	Basic knowledge of Spark and Docker

## LANGUAGES

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<b>German</b>	Mother tongue
<b>English</b>	Fluent in spoken and written
<b>Spanish</b>	Good knowledge
<b>Chinese</b>	Basic knowledge