Titian Steiger

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Work Experience

Junior Management Consultant, Chemgineering Business Design AG, since September 2016
- Organizational development and implementation of lean management methods for process optimization for a pharmaceutical contract manufacturer
- Project manager for the quality upgrade of two sites for a global food additive producer

Internship Investment Banking – Collateral Trading Services, Credit Suisse, May to November 2015
- Responsible for mark to market and margin calls on collateral financing trades
- Development and implementation of a new Excel model for rapid calculation of the liquidity coverage ratio
- Assistance in the daily trading of securities lending and repurchase agreements

Research Assistant, ETH Zürich, March to July 2014, March 2015
- Research on heterogeneous, asymmetric catalysis of hydrogenations
- Specialist for in-situ and operando infrared spectroscopy
- Development of a new reaction mechanism model

Education and Training

Master of Science in Chemical and Bioengineering, ETH Zürich, 2013 – 2015
- Major and minor subjects in the areas of bioengineering, polymer production, process design, catalysis, product development and renewable energy technologies
- Master thesis about heterogeneous, asymmetric hydrogenations, Grade: 6.0/6.0
- GPA: 5.6/6.0

Bachelor of Science in Chemical Engineering, ETH Zürich, 2009 – 2012
- Major and minor subjects in the areas of chemistry, biology, mathematics, physics, computer science and planning, development and optimization of chemical processes
- GPA: 5.0/6.0

Udacity Data Analyst Nanodegree, March to September 2017
- Online data science certificate focusing on statistics, data cleaning, identification of patterns and trends, making predictions using machine learning and visualizing and communicating results effectively

Additional Competencies and Interests

- **Programming languages and software:** Python, Excel VBA, MATLAB, R, SQL, MS Project, Linux
- **Languages:** German (mother tongue), English (business fluent), French (good knowledge)
- **Personal interests:** Machine Learning, Data Science, Financial Markets, Pasta Making

Awards and Publications

Prix SGVC 2015
Award for an outstanding master thesis at ETH Zürich by the Swiss Process and Chemical Engineers

Adsorption and stability of chiral modifiers based on 1-(1-naphtyl)-ethylamine for Pt catalysed heterogeneous asymmetric hydrogenations
Publication in Catalysis Science & Technology together with F. Meemken, M. Holland, R. Gilmour, K. Hungerbühler and A. Baiker (May 2015)