



## Curriculum Vitae

**Fabian Arnold**  
Senior Research Associate

Alte Wagenfabrik  
Vogelsanger Straße 321a  
50827 Cologne | Germany

fabian.arnold@ewi.uni-koeln.de

## Working Experience

### Since 2021

Senior Research Associate & doctoral candidate at the Institute of Energy Economics at the University of Cologne (EWI)

### 2018-2020

Research Associate and doctoral candidate at the Institute of Energy Economics at the University of Cologne (EWI)

### 2016-2017

Student Assistant in the field of sustainable distribution systems and decentralized energy systems at Institut für Hochspannungstechnik (IFHT) at RWTH Aachen

### 2016

Student Assistant at Institut für Stromrichtertechnik und Elektrische Antriebe (ISEA) at RWTH Aachen (Project Batteriegroßspeicher M5BAT)

### 2015-2015

Student Assistant in the field of Asset Engineering and Management at Institut für Hochspannungstechnik (IFHT) at RWTH Aachen

### 2013-2014

Student Assistant at FGH Zertifizierung GmbH

## Education

### 2017

Degree: Master of Science in Business Administration & Engineering: Electrical Power Engineering  
Thesis: Implementierung von Dekompositionsverfahren für die stochastische Vermarktungsoptimierung Virtueller Kraftwerke

### 2015-2017

Master's Studies of Business Administration & Engineering: Electrical Power Engineering

### 2015

Semester abroad at National Taiwan University of Science and Technology (NTUST), Taipeh, Taiwan

### 2015

Degree: Bachelor of Science in Business Administration & Engineering: Electrical Power Engineering  
Thesis: Anwendbarkeitsuntersuchung thermischer Modelle von Ortsnetztransformatoren unter hoher Belastung

### 2011-2015

Bachelor's Studies of Mechanical Engineering and Business Major at RWTH Aachen, Major: Electric Energy Technology

### Internships

EnBW Energie Baden Württemberg AG, Technical management - Wind Onshore, Photovoltaic and Biomass, 2014

## Research Interests

Economic and technical modeling of energy systems, local energy markets and households