

# Benedikt W. Stolz

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Curious and entrepreneurial physics graduate from top tier university, seeking a job in a fast paced environment. Experienced in venture capital, prototyping and project management, with a strong analytical and strategic mindset.

## EDUCATION

### KIT, KARLSRUHE

#### M.Sc. IN PHYSICS

Expected June 2020

Focus: Solid State, Particle Physics

#### MASTER THESIS

Solving fermionic density-density models

### KIT, KARLSRUHE

#### B.Sc. IN PHYSICS

Grad. Sep 2016

Focus: QM, Classical Physics

Minor: Economics

#### BACHELOR THESIS

The use of aligned carbon nano-tube films for Si:CNT solar cells (published two papers)

## VALUES

SUCCESS IS A TEAM EFFORT

AMBITION DRIVES CHANGE

FEEDBACK ENABLES GROWTH

CURIOSITY WINS

## CORE COMPETENCIES

|                     |           |
|---------------------|-----------|
| Problem Solving     | ● ● ● ● ● |
| Strategic Oversight | ● ● ● ● ○ |
| Team Leadership     | ● ● ● ● ○ |
| Listening           | ● ● ● ● ● |
| Decision Making     | ● ● ● ● ○ |

## ADDITIONAL

Languages: DE / EN

Intercultural Experience in

TW, USA, CH, UK

Passionate about cooking

## LINKS

LinkedIn:// [benediktstolz](#)

Twitter:// [@BenediktStolz](#)

Angellist:// [benedikt-stolz](#)

Github:// [bwst](#)

## EXPERIENCE

### FIRST MOMENTUM VENTURES | FOUNDING PARTNER

Jul 2017 - Present | Karlsruhe, Germany

- Founding a venture capital fund with 5M EUR assets under management
- Managing a network of 25 ambassadors sourcing new investment opportunities
- Leading the investing team, responsible for funnel metric, closing 10 deals in total.
- Using technology for automated deal sourcing and deal prioritization

### HQS QUANTUM SIMULATIONS | MASTER STUDENT

Jun 2019 - Present | Karlsruhe, Germany

- Writing a Python Package for building 1D and 2D fermionic lattices
- Bench marking various model solvers (e.g. DMRG) for the Hubbard Model.

### MERCEDES BENZ RESEARCH AND DEVELOPMENT NORTH AMERICA | ENGINEERING INTERN

Feb 2016 - Jul 2016 | Sunnyvale, CA, USA

- Designed and implemented an approach to generate ground truth data for quantitative object tracking evaluation using GPS-Systems
- Reduced false positives in image recognition with noise correction models

### PIONIERGARAGE | BOARD MEMBER

Jul 2014 - Feb 2015 | Karlsruhe, Germany

- Active advisor to the elected board members Sep 2017 - Feb 2020
- Elected board member of Germany's biggest student club for entrepreneurship
- Built Germany's first student led Co-working space, incubating several successful startups in Karlsruhe

### KARLSCAFE | Co-FOUNDER

May 2013 - Jul 2014 | Karlsruhe, Germany

- Founded a café at Karlsruhochschule International University
- Led a team of 15 employees together with my co-founders
- Hosted several events, building a brand and becoming the go-to spot for students.

### SIEMENS - RAMS CONSULTANCY UNIT | STUDENT EMPLOYEE

Sep 2012 - Sep 2015 | Karlsruhe, Germany

- Built workflow automation tools written in C# and Visual Basic for calculations and reports in regards of reliability, availability, maintainability and security for power plants.
- Got selected into the program for outstanding student employees (TOPAZ)

## SELECTION OF TALKS & WORKSHOPS

|      |                                 |   |
|------|---------------------------------|---|
| 2019 | Entrepreneurship Lectures (KIT) | Finding Opportunities, Building your own VC       |
| 2018 | Pirate Summit                   | Keynote about the future of VC with Uwe Horstmann |
| 2017 | PionierGarage / Gründermagnet   | Pitch Workshops, Tools for startups               |