

Tobias Budig

BUSINESS AND TECH STUDENT · ENTREPRENEURSHIP AND AI ENTHUSIAST

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“Building the Future with Tech”

Profile

Current student of business engineering with focus on computer science at Karlsruhe Institute of Technology (KIT), Germany. Served as chairman and other positions at Germany's largest student society for entrepreneurship and innovation, PionierGarage e.V. Worked on different private software projects as well as freelance positions. Interested in deep-tech to solve real world problems.

Education

Semester abroad

KTH (ROYAL INSTITUTE OF TECHNOLOGY)

- Courses: Artificial Intelligence and Applications, Network Programming, Marketing Management, Entrepreneurship, Swedish A1

Stockholm, Sweden

Aug. 2020 - Jan. 2021

B.Sc. in Business and Engineering

KIT (KARLSRUHE INSTITUTE OF TECHNOLOGY)

- Focus on Computer Science, Operations Research and Digital Business • current GPA: 1,9 (top 25%)

Karlsruhe, Germany

Oct. 2018 - today

Physics

UNIVERSITY OF GÖTTINGEN

- Mathematics 1 & 2 and experimental physics 1 & 2

Göttingen, Germany

Oct. 2017 - Sep. 2018

Abitur (A-Level equivalent)

BESSELGYMNASIUM MINDEN

- Advanced courses: Mathematics, Physics • GPA: 1,0 (top 2%)

Minden, Germany

Jul. 2017

Work Experience

Co-Founder & CTO

MUN COMMAND

- MUN Command is the all-in-one SaaS solution for model united nation conferences (muncommand.com)
- Responsible for selection of tech-stack as well as for entrepreneurial and innovative methods.
- Designing software architecture and programming an Angular web-app with GraphQL and Firebase backend.

Karlsruhe, Germany

Jan. 2020 - Today

Tutor Mathematics 2

KARLSRUHER INSTITUTE OF TECHNOLOGY (KIT)

- Teaching students multivariate calculus and linear algebra remote.

Karlsruhe, Germany

Apr. 2020 - Aug. 2020

Working Student as Assistant to Founder

HELIOPAS.AI GMBH

- Supporting founders in day-to-day business with focus on finances and processes as well as pressing technical topics.

Karlsruhe, Germany

Dez. 2019 - Jul. 2020

Student Assistant

LASER LABORATORIUM GÖTTINGEN E.V.

- Analysing materials with Raman spectroscope; Analysing data in Python; Experimenting with electric-chemical-cells to produce a SERS active material.

Göttingen, Germany

Jan. 2018 - Sep. 2018

Intern as Executive Assistant to CIO

QX-QUARTERLY CROSSING GMBH

- Planning and recruiting participants for Events. Process optimization, introducing digital tools. Supporting of CIO in day-to-day business

Frankfurt a.M., Germany

Feb. 2018 - Apr. 2018

Freelance web developer

SELF-EMPLOYED

- Building websites and optimizing online presence of customers

Germany

Aug. 2017 - May. 2019

Courses

Practical Deep Learning for Coders

Online, fast.ai

FAST.AI

2020

- In this course, we start by showing how to use a complete, state-of-the-art deep learning network to solve real-world problems. And then we gradually dig deeper and deeper into understanding how those tools are made.

Machine Learning Online Course

Online, Coursera

STANFORD UNIVERSITY ON COURSERA

2018

- This course provides a broad introduction to machine learning, datamining, and statistical pattern recognition.

Extracurricular Activity

Chairman and other roles

Karlsruhe, Germany

PIONIERGARAGE E.V. (PG)

Oct. 2018 - today

- The PionierGarage is the university group for entrepreneurship and innovation at KIT. It offers events and runs a co-working space for students.
- 08/20 - today: **Member** of PG Academy, aiming to bring PG Academy to whole Germany
- 02/20 - 08/20: **Advisory Board** for new board; Head of PG Academy (Entrepreneurship education for students)
- 08/19 - 02/20: **Chairman** responsible for 30+ members
- 02/19 - 08/19: **CFO** responsible for 60 k€ budget
- 10/18 - 02/19: **Member** of marketing department

Honors & Awards

Nov. 2020 **Award for outstanding voluntary commitment**, by Karlsruher Institute of Technology

Germany

Oct. 2019 **Scholarship by Friedrich Naumann Foundation for Freedom**,

Germany

Feb. 2019 **1st Place GROW Founding Contest**, Local founding contest with 31 teams participating.

Karlsruhe, Germany

Mar. 2018 **ICU Scholarship**, The one-year leadership scholarship for students for all disciplines

Frankfurt, Germany

Jun. 2017 **Special award "Artificial Intelligence"**, Jugend Gründet (domestic youth founding competition).

Stuttgart, Germany

Skills

Languages German (Native), English (Fluent), French (Basics), Swedish (Basics)

Software Photoshop, Premiere Pro, Notion, WordPress, LaTeX

Entrepreneurial Design Thinking, Business Model Canvas, Lean Startup, Rapid Prototyping

Web Stack Angular, GraphQL, Hasura,

Programming Typescript, JavaScript, Python, Java