

# Christoph Sonntag

## About me

I have been doing contract work since the age of 16 and started by selling static websites, moving on to developing WordPress themes in order to reach a wider audience. During my studies I started accepting larger projects (smart electricity metering system for a local housing company) and strengthened my skills in python, data science and developing an idea from development to testing and deployment. My bachelor thesis (Performance of residual networks in an automotive environment) set the tone for my current interests in computer vision and data science.

## Contact

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## Skills & Tools

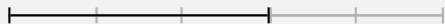
### Python



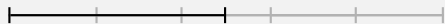
### Java



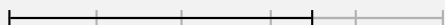
### JavaScript



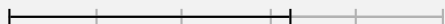
### C/C++



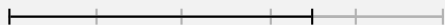
### Git



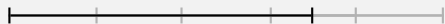
### Unix



### HTML/CSS/PHP



### Vim/JetBrain IDEs



## Education

### University of Vienna

M.Sc. Computer Science, minor in Data Science | Expected 2023

### University of Passau

B.Sc. Internet Computing | 2020

Coursework (a.o.): Software Engineering; Networks; Algorithms and Data Structures; System Security; Collaborative Interactive Learning, (Residual) Neural Networks.

## Work Experience

### Freelance

Regensburg & Munich, Germany (remote) | June 2013 -

- Customer acquisition and consulting
- Responsible for the entire pipeline from planning to development, testing and deployment

### Teaching

ZKK, University of Passau, Germany | October 2017 - July 2018

- Course planning of "Grundkurs: Programmierung" for students with a non-computer-science background (multiple weekend courses over the semester)
- Introduced students to programming and its different paradigms with the help of Python

## Projects

### MMetering

Production-running solution for recording and evaluating electricity meter-data in single- and apartment houses. Django application running in a Docker environment using Redis as a message broker for scheduling requests to connected meter on a bus using the MODBUS protocol.

- Concept, Development and Deployment on production machines
- Helped me progress a lot in the following areas:
  - Communication Skills
  - Software Engineering
  - Support and continuous integration

## Volunteer Experience

**Student Council Member** for the faculty of the University of Passau 04/2016 -

**Active Member** of the fire department (respiratory equipment carrier) 09/2012 -

## Interests

Music (listening as well as playing the guitar and drums); Machine Learning; Data Science; Skiing; taking part in Hackathons; Politics; Programming; Mobility and Logistics; Digital Farming; Art + Applied Arts (Interior Design, Furniture)

## What I'm looking for

I'm looking for exciting, challenging tasks and people that really love what they do. Although I enjoy programming and working on specific tasks and features, I also like taking part in a project's organization in order to grasp the big picture.