

SIYUAN PENG

Stuttgart / siyuan.peng.22@gmail.com
Github: @petra0522 / Website: petra0522.github.io

WORK EXPERIENCE

Academic research associate for programming support

October 2019 – July 2020

ZEISS Vision Science Lab, Tübingen

Working in an interdisciplinary and international team to help convert basic research in vision science into application. Advised the team members regarding technologies in computer science and worked on software solutions according to their needs. Achievement:

- Development of a web application with the web framework Django.
 - Reimplement existing projects in MATLAB with Python.
 - Frontend development with HTML, CSS and JavaScript.
 - Development of three iOS applications with Swift. Worked in agile environment and responsible for design, implementation and testing of the apps.
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EDUCATION

B. Sc., Computer Science

April 2017 – June 2020

University of Tübingen, Tübingen

- Bachelor thesis: „Semantic Scene Understanding on KITTI-360“

B. Arch., Architecture

September 2011 – June 2016

Wuhan University, Wuhan

SKILLS

Experienced in Software development, web development and machine learning.

- Proficient with Java, JavaScript, Python, HTML, CSS, Swift, SOL, PostgreSQL, Git
 - Experience with Spring, JUnit, Django, Bootstrap, Maven, Docker, Azure DevOps
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LANGUAGE

English	Fluent	Mandarin	Native
German	Intermediate		