



Siyuan Peng

Computer Science Student

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PERSONAL PROFILE

I am an self-motivated, adaptable and hard-working person, who has developed a mature and responsible approach to any task that I undertake and strives to achieve the highest standard possible.

As a bachelor student in computer science at the University of Tübingen, I have gained knowledge of computer science from various aspects, also with some experience of projects in machine learning, applied statistics and web development. I am seeing a part-time position in the industry in which I can put my knowledge and experience into practice, ultimately benefiting the organisation that I work for.

EDUCATION

Apr 2017 - current	B. Sc., Computer Science <i>University of Tübingen</i> <ul style="list-style-type: none">To be completed in spring 2020.Current grade 1.8Specialities: Machine Learning, Algorithm, Web Development.Minored in Cognitive Science, including Psychology, Cognitlve Architecture, etc.
Sep 2011 - Jun 2016	B. Arch., Architecture <i>Wuhan Univresity</i> <ul style="list-style-type: none">Completed in June 2016.

PROJECTS

Jul 2019 - current	Kaggle Competition: Predicting Molecular Properties (ongoing) <ul style="list-style-type: none">Data processing with Pandas.Solving regression problem with Python, scikit-learn.
Apr 2019 - current	Machine Learning in the field of Eye Tracking (ongoing) <ul style="list-style-type: none">The challenge of this project is pupil detection.Created an dataset of eye movements with an USB camera.Implemented a GUI for for data labeling.Implemented machine learning algorithms (SVM and CNN) with MATLAB.
Apr 2018 - Jul 2018	Web Development <ul style="list-style-type: none">Learned various aspects of web development in a course, from frontend to backend.Static web page with HTML and CSS (see my website at petra0522.github.io).Client-side dynamic web page with Javascript (online Memory Game, Animation).Server-side dynamic web page with Python, PHP und MySQL (quiz game, vocabulary game and Blog).

WORK EXPERIENCE

Dec 2016 - Feb 2017	Online Content Editor Intern <i>Wuhan Original Information Technology Co., Ltd</i> <ul style="list-style-type: none">Collected information from Internet.Edited and updated contents of an online shopping website.
Oct 2016	Architectural Design Intern <i>Wuhan Optics Valley Union Group Co., Ltd</i> <ul style="list-style-type: none">Assisted a design team with the 3D model building, concept design and architectural graphic design.
Sep 2015 - Dec 2015	Architectural Student Intern <i>Wuhan Original Information Technology Co., Ltd</i> <ul style="list-style-type: none">Learned and collaborated with a design team during various stages of a project, from concept to completion.Assisted the team with the 3D model building, concept design and architectural graphic design.

SKILLS

Programming Languages (Proficient)

Java	<div><div></div></div> <div>(Applied in developing algorithms and samll games.)</div>
Python	<div><div></div></div> <div>(Applied in machine learning, neural networks, data analysis, applied statistics.)</div>

Programming Languages (Familiar)

HTML	<div><div></div></div>
CSS	<div><div></div></div>
JavaScript	<div><div></div></div>
MATLAB	<div><div></div></div>

Others

Git	PHP	MySQL	R	LaTex
Photoshop	Illustrator	InDesign		
Teamwork	Research	Logik	Math	

LANGUAGE

Mandarin	(Native)
English	(Proficient)
German	(Intermediate)

INTERESTS

- Reading
- Handcrafts
- Painting
- Graphic Design
- Hiking