Yanxiang Zhan

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WORK EXPERIENCE

01/02/2022 – 30/04/2022 – Aschaffenburg, Germany
ROBOTICS AUTOMATION ENGINEER – LINDE MATERIAL HANDLING

Deployment and testing of industrial automated handling robots.
- Deploy robot management software on multiple servers.
- Write automation scripts of robots for industrial exhibitions and sales showrooms
- Analyze and test robots from different suppliers and write test reports and technical documentation.
- Communicate with suppliers from China to solve technical problems
- Remote technical support for sales showrooms in other European regions

01/04/2021 – 30/09/2021 – Bremen, Germany
WEB DEVELOPER (STUDENT JOB) – UNIVERSITY OF BREMEN

Web-based information system on global dynamics of social policy
- Develop the client-side using Reactjs and Material Design UI.
- Develop the server-side with the framework Ruby on Rails and PostgresSQL database.
- Data visualization using D3js and Vega.

01/07/2019 – 31/03/2020 – Bremen, Germany
MACHINE LEARNING RESEARCH ASSISTANT (STUDENT JOB) – UNIVERSITY OF BREMEN (BIBA)

Machine learning methods implementation
- Use TensorFlow object detection API to train and test our own dataset with different models (SSD, RCNN), analyze performance and accuracy, and fine-tune hyper parameters.
- Deploy trained models to the server using the Tensorflow-serving library for real-time detection application.
- Adapt a semi-supervised method and unsupervised methods to our own dataset (grains and waste material) for clustering and classification.
- Apply dimensional reduction techniques for data analysis using PCA, LDA, and K-MEANS.

01/06/2018 – 31/08/2018 – Bremen, Germany
WEB DEVELOPER (STUDENT JOB) – UNIVERSITY OF BREMEN

Develop an E-learning system called "Epose"
- Upgrade its PHP fundamental framework called "Mahara" to a newer version.
- Upgrade the customized extensions for the new framework.
- Implement the responsive web design

01/01/2017 – 16/10/2017 – Guangzhou, China
WEB FRONT-END DEVELOPER – ALIBABA.INC

Online Advertising Platform
- Develop client-side web pages DSP (Demand-side Platform) and SSP (Supply-side Platform) using framework Vuejs and Reactjs.
- Develop server-side using Nodejs and MySQL.
- Develop an administration platform for the online ads system.

News App
- Maintain and bug fixing of the mobile app

- Fetch advertisements from different platforms (Google AdWords, Facebook ads) and display them on the app.
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01/07/2015 – 01/09/2016 – Guangzhou, China
WEB FRONT-END DEVELOPER – YINGSHI TECHNOLOGY CO., LTD

- Develop the webpage client of an Instant message app similar to Slack using Vuejs.
- Develop some corresponding webpage such as the administration page and the product home page.

EDUCATION AND TRAINING

01/10/2017 – 26/09/2022 – Bibliothekstraße 1, Bremen, Germany
MASTER DEGREE – Universität Bremen

Field(s) of study
- Digital Media

01/09/2011 – 01/06/2015
BACHELOR DEGREE – Guangdong University of Technology

Field(s) of study
- Digital Media Technology

LANGUAGE SKILLS

Mother tongue(s): **CHINESE** | **CANTONESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Linux | Python | Git | Machine learning | Unity 2D/3D | HTML/CSS/JS/NodeJS | Flutter Dart