Zifan PENG

(86) 173 4207 1609 • sfofgalaxy@gmail.com
linkedin.com/in/zifan-peng-968205219/ • sfofgalaxy

EDUCATION

The Hong Kong University of Science and Technology **Sept 2021 – Jun 2022**
Master of Science (3.74/4.3)
Major in Information Technology

- CSIT5910 (Machine Learning) - A
- CSIT6000M (Recent Advances in Deep Learning) - A

Zhejiang University **Sept 2017 – Jun 2021**
Bachelor of Engineering (3.7/4.0, top 30%)
Major in Software Engineering

University of Cambridge **Aug 2020**
Fin-tech Program Summer School
Made analysis of current international financial situation, acquired the knowledge that combined finance and computer science. Such as blockchain and digital currency decentration Apps in blockchain.

National University of Ireland, Maynooth **Aug 2019**
Summer Exchange Program, Department of Computer Science
Learnt the advanced AI, the cutting-edge virtual reality technology;Acted as the team leader to engage in software development and management, developed a management tool that won an excellent grade.

RESEARCH EXPERIENCE

Social Media COVID-19 Infodemic Distinguish **Jan 2022 – Jun 2022**
Research Assistant, Hong Kong
Mainly related to Natural Language Processing, using models (BERT, RoBERTa, etc.), prompt learning and contrastive learning to improve the efficiency of them to distinguish the disinfomation and whether it will influence the public and government. We have finished paper writing and prepare for submitting to journal

99 Public Welfare Day Data Analysis **Oct 2021 – May 2022**
Research Assistant, Hong Kong
Mainly related to data crawl, processing and visualization, by analyzing the data from Tencent 99 public welfare activities recent 5 to 6 years, do some analysis and observation of related sociology phenomena and whether it is related to government domination, also we train a model to analyze the relationship between program illustration and donate number.

Human activity recognition based on mobile sensors **Oct 2020 – Jun 2021**
Graduation Design, Hangzhou, China
The whole project is based on the three axis data of the three sensors (accelerometer, magnetic field and spiral gauge) to judge the current activities of the human body according to different data acquisition frequencies. And the pre-trained model was migrated to the mobile devices using TensorFlow lite.

Food Identification **Sept 2019 – Mar 2020**
Student Research and Training Project, Hangzhou, China
Award: **University-level Excellent Project**
The whole project is to build a system to identify traditional Chinese food. The main work of mine is data crawling, data cleaning and data augmentation, and reproduce the model result in the paper of EfficientNet B3.

INTERNSHIP AND WORK EXPERIENCES

Shopee Pte. Ltd. **Jul 2022 – Present**
Big Data Engineering, Singapore
Big Data Engineering at Data Mart, Marketplace Intelligence & Data department. Big data related, process the TB level real-time data with Flink, spark Java and SQL, build the infrastructure of Flink platform.

Alibaba Group **Jun 2021 – Aug 2021**
Java Software Engineering, Beijing, China
As a Java Software Engineering at Map Data Development, Gaode Map in Alibaba Group, I am mainly responsible for the back-end service development of the map data acquisition part, such as work order service and task service.

Huawei Technology Co., Ltd. Hangzhou Research Institute **Aug 2020 – Nov 2020**
Software Engineering, Hangzhou, China
As a Software at Data and Parallel Lab, 2012 Laboratory, Central Software Institute. I mainly responsible for the parallel cost of one Deep Learning Framework. In the team of developing Huawei's self-developed deep learning framework named MindSpore, mainly responsible for writing the calculation code of the cost model in the framework.

EXTRACURRICULARS

Student Union of College of Computer Science and Technology   **May 2019 – Sept 2020**
Director @ Organization Department
Took charge of team building and organizing Chinese Youth Day activity, etc.

China Education and Research Network the 26th Annual Conference   **Nov 2019**
Volunteer

The 5th Internet+ College Students Innovation & Entrepreneurship Competition   **Oct 2019**
Volunteer

ZJU Artificial Intelligence Association   **Sept 2018 – Jun 2020**
Member @ Research Department

Peer Tutor   **Sept 2018 – Jun 2019**
- Tutoring freshman students in C programming language and Data Structure.
- Meet with students one time weekly to teach, explain concepts and answer questions.

Basketball Team   **Sept 2018 – Jun 2019**
Member @ School of Computer Science and Technology

ZJU Film Association   **Sept 2017 – Jun 2018**
Member @ Outreach Department

AWARDS

University Awards
- Outstanding Graduate of Zhejiang University (06/2021)
- Third class scholarship of Zhejiang University (10/2020)
- Three-star volunteer of Zhejiang University (12/2019)
- Social work model student (09/2018, 10/2020)
- Academic model student (09/2019, 10/2020)
- Volunteer model student (10/2020)
- Third-class scholarship of national talent training base (10/2020)
- School-level outstanding student leader (05/2018)

Competition Awards
- 3rd Prize in ZJU Programming Contest (04/2019)
- 3rd Prize in Zhejiang Province Physics (Theory) Competition (01/2019)
- 2nd Prize of Zhengzhou Physics Competition (2015)
- 1st Prize of Zhengzhou Mathematics Competition (2015)

SKILLS & OTHERS

SKILLS
- Linux (familiar)
- C (familiar, two courses 89 and 92 points respectively)
- Java (familiar)
- Git (familiar)
- SQL (wrote course miniSQL project)
- Python (have good understanding of pandas, crawler framework and pytorch framework)
- Docker (understand basic configuration and use)
- Spark Flink (familiar)
- Spring-mybatis
- vue.js development

Hobbies
- Basketball
- Hiking
- Swimming
- Fitness
- Music
- Film & TV