

YANG HU

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EDUCATION

Beijing University of Posts and Telecommunications

Bachelor of Engineering in Software Engineering

Beijing, China

Sept. 2019-Jun. 2023

GPA: 3.8/4.0

School-level Preliminary First Prize of 2020 FLTRP·ETIC Cup English Writing Contest

School-level Preliminary Second Prize of 2020 FLTRP·ETIC Cup English Reading Contest

INTERNSHIP EXPERIENCE

Sinbad Intelligent Technology (Beijing) Co., Ltd.

Beijing, China

Start-up Intern

Aug. 2022-present

- Conducted market research about the education industry;
- Brainstormed about company's product strategy, participated in the financing process, and discussed the technologies and algorithms to employ;
- Designed and built a demo app using Flutter

RESEARCH EXPERIENCE

Summarizing Library Changes to Explain Client Regression Failure

06/2022-09/2022

Supervisor: Prof. Julia Rubin (University of British Columbia, ReSeSS Lab)

- Read and prepared presentations for papers regarding program slicing and regression failure analysis;
- Brainstormed about and helped develop LibRE, a tool that summarizes library changes related to test failures to help Java developers better locate and understand bugs across different library versions;
- Ran LibRE on 8 open-source Java projects as test cases and obtained results significantly smaller in size compared to traditional approaches

Text-based Sentiment Analysis Using Four Different Models

07/2021-08/2021

Supervisor: Prof. Pietro Liò (University of Cambridge)

- Read literature in related fields, got a preliminary understanding of the history and recent research on sentiment analysis;
- Using the Large Movie Review Dataset with 50,000 records, built and fine-tuned RNN, CNN, fastText, and Transformer models to analyze the data and compared their performance;
- Responsible for programming and writing papers; gained decent understanding of AI field

Caca Trip Planner-Intelligent Travel-planning Assistant Application

06/2021-05/2022

Supervisor: Prof. Kun Niu (Beijing University of Posts and Telecommunications)

- Worked as the group leader to create an app that helps users to quickly filter and create a reasonable itinerary with a vibrant and easy-to-use interface;
- Designed and implemented visual elements such as the UI, app Logo, and animations;

ON-CAMPUS ACTIVITIES

Tunisia One Belt One Road Online Research Exchange Program

01/2021

- Learned about AI, IoT and business related knowledge, as well as the culture of Tunisia;
- Drafted and presented a business plan with teammates; gave a public cultural exchange presentation about internet culture

UNITAR International Competency Training Camp

08/2021

- Learned about the United Nations, participated in public speaking, UN negotiations, mock interviews, and cross-cultural communication training;
- Awarded a top 10% final assessment score, a letter of recommendation from UNITAR, and a recommendation for an interview with an international organization

Study on Reshaping International Trade

03/2021

- Under the guidance of Prof. Bryan Mercurio from the University of Hong Kong, studied the structure and history of the WTO and international trade;
- Wrote a highly-graded English essay on WTO and the Sino-US trade conflict

Connor Island Autism Care Center

11/2019&12/2019

- Spent two days in total as a volunteer with autistic kids

Class Commissary in Charge of Studies

09/2019-06/2023

- Responsible for organizing class activities, answering students' questions, collecting assignments, etc

TECHNICAL SKILLS

- Proficient in Flutter, Java, C/C++, Python, Linux, and MySQL;
- Preliminary grasp on Hadoop, Spring Boot, cloud computing technology, data mining, ROS, PyTorch, Arduino, and Unity