BohongZhao

Undergraduate | Southern University of Science and Technology

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languages

Chinese **Native**
English **Fluency**
Japanese **Beginner**

programming

Competent
♥ Python
Java, C++
CSS3 & HTML5

Novice
Kotlin, Flutter, XML
Swift, Bash/Shell
SQL, PHP, JavaSciprt
MATLAB, Spim

IDE&Editor

♥ PyCharm
PHPStorm

♥ VSCode
Vim
Sublime

last updated

March 16, 2019
Rev. 14

education

Southern University of Science and Technology(SUSTech), Shenzhen China　Sep. 2016 – Jul. 2020
B.S. in Computer Science and Engineering
Specialization in Evolutionary Algorithm for Multi-Objective Optimization follow Prof. Hisao Ishibuchi.

Beijing Bayi School, Beijing China　Sep. 2013 - Jul. 2016
1st Experimental Class
Interested in Mathematics Competition

Beijing 101 High School, Beijing China　Sep. 2010 - Jul. 2013
1st Experimental Class
Interested in Informatics Competition (NOIP). Had won 1st price in junior group for twice(2010 and 2011).

experience & study program

The University of British Columbia　Jul. – Aug. 2018
Summer Program
- Studied computer science courses (algorithm & webapp).

DOODO (Beijing) Ltd　Aug. 2017
Part Time Assistant
- Worked in DOODO (Beijing) Ltd and helped to create classification of user potrait.

awards

Undergraduate Scholarship　Sep. 2016
Southern University of Science and Technology
Awarded to the top students at the beginning of the undergraduate.

projects

Parallel Implementation of MOEA/D and its Application to Feature Selection Sep. 2018 – present

- status: *In progress*
- lang: Python

Team researching project under prof. Hisao Ishibuchi's instruction. Evolutionary algorithm has progressive effect recent years when working on feature selection which is the most important part of machine learning and data mining. This project aims to create parallel environment for MOEA/D algorithm, using island model and find out an effective ways which partial data would used for communication. We use feature selection to verify our proposal in the whole process.

Snappat -- A new way social network based on puzzles Feb. 2019 – present

- status: *In progress*
- lang: Java
- framework: Android Original

It's an on going course project (software engineering) I and my teammates are focusing on which aims to develop a social networking app covering several features like machine learning and puzzle solving.

Sensor Data Real Time Transmission Application Sep. – Dec. 2018

- status: *Finished*
- lang: Java
- framework: Android Original

It's an course project (computer network engineering) I and my teammates are focusing on which aims to develop a social networking app covering several features like machine learning and puzzle solving.

Bojangles Aug. 2018 – Present
Developer
- Co-developing a tool to help UNSW students plan their course schedule in a team of 4 within the CSE Society.
- In charge of the algorithm to generate possible timetables, and came up with a PoC with a Genetic Algorithm.

MUNPANEL Nov. 2016 – Jul. 2017
Founder & Chief Technology Officer
- Came up with the idea to design an online Model UN system that connects all conferences, clubs, and MUNers together by facilitating oraganizers and participants of different conferences and clubs with one unified system.
- Led a team of 4 members to develop and run the Model UN platform, which has served 3 conferences, 170+ registered schools, and 2,000+ users, with 500+ maximum DAU (daily active users), 235,000+ total visits and 490,000+ CNY cash flow till July 2017.

Beijing Model United Nations Association for High School Students Aug. 2016 – Aug. 2017
Director of Academics (English)
- Managed the largest MUN association in Beijing (60+ member schools) with 12 other co-organizers.
- Took charge of all facets of English committees in two largest Model UN conferences for high school students in Beijing, such as reviewing academic design, background guide, etc.
- Run the web, email, ns & git server of the association.

Chaoli Forum Nov. 2014 – May. 2015
Co-Founder & Developer
- Developed functions like documents uploading, CDN integration, customer feedback, etc. based on esoTalk, a no-longer maintained open source forum program, as a member of the initial development team and founding team of Chaoli forum, a forum for Math, Physics, Chemistry, and Informatics lovers, which now has 5,000+ users and 40,000+ threads.