

EDUCATION

- **Hainan University** Haikou, China
 - Animal Medicine September 2018 - August 2019
 - Computer Science and Technology September 2019 - June 2022

PROJECTS

- **Science and Technology Department of Hainan Province - Yecheng Service APP** Haikou
 - Front-End Web Developer* *Jan 2021 - Apr 2021*
 - Self-taught HTML, CSS and Javascript, and initial mastery of the basic use of Vue. Analyzed the process in the front stage, drew the prototype diagram, and completed the interface and functions of the mobile terminal.
 - Registration module:** declare asynchronous function using async+await, submit data in default encoding after simple logical decision, and store data with MD5 encryption on the back end.
 - Login module:** introduce MapState and Mapmutation management state, and use Token as login authentication.
 - Activity release module:** Publish the activities, submit the form as FormData, and the data as JSON.
- **Evidence storage system based on block chain** Haikou
 - Front-End Web Developer, Automated Testing* *Feb 2021 - Present*
 - Pre-study:** Read relevant literature (more than 10 journals about block chain) and write feasibility reports.
 - Specific work:** Vue.js+element-ui was used to design the front-end pages of the system, and Selenium WebDriver was used to design the use cases for automated testing.
- **Handwritten digits recognition**
 - Course design*
 - During the exchange period at University of Malaya, I took Pattern Recognition and used PCA to process data and wrote three classifiers using Matlab: KNN, SVM, and Decision Tree, and used confusion matrix to analyze the accuracy and precision of the results of different classifiers.
- **DDoS attack defense method based on honeypot technology**
 - Graduate project*
 - Using classifiers(KNN, SVM, Decision tree and Logistic regression) pair in machine learning to identify network traffic, and then using honeypot technology to redirect attacks to the honeypot system for active defense against network attacks. In this way, normal network flows and malicious attacks are detected and identified.

NON-ACADEMIC EXPERIENCE

- **President of the Electronic Technology Association:** The College of Mechanical and Electrical Engineering directly guides the community and carries out membership activities every two weeks, mainly focusing on the teaching of SCM and Raspberry Pi, as well as the lectures and selection of contests such as electronic design competition and intelligent car. Meanwhile, the association holds passive support maintenance activities every year, and the active number of the association keeps above 40 people.
- **Association for Robotics and Artificial Intelligence - Member of Cloud Robotics Group:** Participated in the development of educational robot platform, designed and realized the integration of robot lab Web platform and software and hardware system, and participated in the Challenge Cup competition.

WORK EXPERIENCE

- **Haojing Cloud Computing Technologies Co.ltd.** Guangzhou
 - Quality Engineer Developer Intern* *Jul 2021 - Oct 2022*
 - Complete participation in the entire testing process of requirements analysis, test cases, test execution, problem submission, and problem verification. To track and analyze and report on software problems found during test implementation, and to promote timely and reasonable solutions to problems found during testing.
 - Build and use Zabbix to monitor servers; Deploy production and test environments.

HONORS AND AWARDS

- Asia and Pacific Mathematical Contest in Modeling (APMCM) Second Prize

PERSONAL SUMMARY

After I changed my major, I completed two years of supplementary courses in my sophomore year, and learned front-end knowledge in my spare time. I was also in charge of front-end development in both projects and competitions. During my exchange studies, I learned about common classifiers in machine learning and applied them in my graduation design.