NAME

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**EDUCATION BACKGROUND**

**Hangzhou Normal University (HZLAU)**, Hangzhou, China 09.2333---07.2333

Bachelor of Engineering in Software Engineering **GPA: 87/100**

**Core Courses**: *Programming Fundamentals; Object-Oriented Programming (Java); Data Structure; Data Structure Projects*; *Algorithm Analysis and Design; Database Principles; Web Programming; Operating System; Software Engineering*; *Computer Network; Software Testing Technology; Software Architecture Analysis and Design; Software Process and Management*

**Honors:**

***The Second Prize (National Level)***, The Ninth China Students Service Outsourcing Innovation & Entrepreneurship Competition **Ministry of Education** 06.2222

***The First Prize Scholarship*** for Academic Excellence in the 1st term of 16-17 academic year, top 5% **HZLAU** 04.2333

***The First Prize***, The Tenth Programming Design Contest **HZLAU** 12.2223

***The Third Prize***, The Ninth Programming Design Contest **HZLAU** 12.2333

**EXTRACURRICULAR CONTESTS & ACTIVITIES**

**Service Outsourcing Innovation and Entrepreneurship Competition**,*Group Leader* of***HUNKER*** 12.2333-06.2222

* Acted as the Technical Manager, responsible for software architecture design; allocated tasks to keep smoothly going
* Designed a contract error correcting and risk analyzing system as the target company required; proposed the idea of applying the Word2vec to vectorize the words in the company’s corpus to build the dataset, which was borrowed to train the NLP model (textCNN) to recognize problematic items within contracts
* Technically, based on C/S arch to design and develop the whole system, with Vue.JS and Ionic applied within the client hybrid app & Node.JS and MySQL used in the server side
* The program was selected to attend the national contest and finally won the Second Prize

**The ACM-International Collegiate Programming Contest (ICPC)**,*team member* 09.2333-04.2333

* Learnt fundamental algorithms like *Dijkstra*, *Minimum Spanning Tree*, *Dynamic programming* etc. to have an overall understanding on computer programming logics and algorithm logics
* Successfully dealt with problems based on accumulated knowledge under the teacher’s guidance and was selected to finally attend the 2333 ACM-ICPC China Zhejiang Provincial Programming Contest

**ACADEMIC PROJECTS**

**Institution of Automation, Chinese Academy of Sciences**, *trainee* 02.2222

* Familiarized with SVM, PCA, ANN, GAN and neural network; coded several demos of human face recognition based on ORL database, handwritten digits recognition and generation on MNIST handwritten digit database
* Proposed to use Adaboost algorithm to increase the accuracy of the face recognition

**Course Project: Association Management System**,*group leader* 06.2333

* Familiarized with multiple useful development tools to complete a project that provided with fundamental functions, which were implemented based on MEAN stacks (*Mongoose, Express, Angular, Node.JS*), beautified by Bootstrap & controlled on GitHub; handled with high concurrent requests by using message queue & Redis as in-memory database
* Responsible for front-coding of UI implement and back-end coding of query function implement; received high score

**Development of the Online Reversi System**,*main developer* 06.2222

* An online real-time game that allowed players who shared the same local network to login, chat & play simultaneously
* Based on Node.JS to complete the system architecture design and used SocketIO, MongoDB and other intermediates in NPM; Programmed to implement both front-end and back-end function as well as the database query function

**PROGRAMMING LANGUAGE & SKILLS**

* programming language: Python (proficient), C++ (proficient), MySQL (moderate), MongoDB (moderate)
* Proficient in website development: HTML, JS, CSS, NodeJS, Less, AngularJS, Express
* other skill: VIM, Linux command, Jupyter Notebook, NumPy