

ZHANG Houhua

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EDUCATION

Guangdong Polytechnic Normal University

Aug 2016 - Jun 2020

Bachelor of Digital Media Technology

GPA: 3.67/4

Core Courses: *JAVA Programming (94); Data Structures and Algorithms (86); Advanced Mathematics III Upper(87); Mobile Applications and Development(95); Game Design and Production(92); Integrated Practice in Digital Media (98)*

Awards:

- Second Prize, 2019 Blue Bridge Cup National Software and Information Technology Professionals Competition Guangdong Province
- Excellence Award, College Award, 2018 China University Advertising Art Festival
- Outstanding Student Leader Scholarship

WORK EXPERIENCE

Yibao Software Co.

Mar 2022 - present

Software Development Engineer

Guangzhou, China

- Led the construction of China Mobile's auspicious number management system, from inception, the entire development process, and launch of the project.
- Managed the development of Guangdong Mobile's partner business (including cooperation with Tencent, Bytedance, Alibaba), providing stable and efficient business support.
- Supported the development of the intelligent accounting website, working directly on features such as account approval, blacklist, and whitelist management, and marketing group configuration.
- Owned the development for the process centre business, supporting the approval process for 21 subsidiary companies under the Guangdong Mobile headquarters, encompassing account-related and whitelist approvals.
- Achieved rapid career growth, earning two promotions and transitioning from general to core developer within one year and was recognized as the outstanding employee of the quarter.

Huisi Software Co.

Aug 2020 - Sep 2021

Software Development Engineer

Guangzhou, China

- Developed HTML5 (H5) games, providing internal training game projects for companies such as CLP Holdings, Swire Group, and Hong Kong Land. Produced training package for the company's R&D of H5 game projects.
- Participated in the company's H5 mini-games that seamlessly combined educational videos, interactive games, and quiz questions to achieve the goal of edutainment for employee training.
- Resolved issues with font mismatch in the software package and optimized the size of custom fonts, thereby enhancing the user experience of the software.

SELECTED PROJECTS

Guangdong Mobile Intelligent Accounts Comprehensive Website

Jan 2023 - present

Software Developer

Guangzhou, China

- **Development for Accounting Management System:** The system encompasses account approval, marketing plan management, customer red and whitelist management, and customer fund transfer and inquiry functionalities.
- **Technical Stack Utilization:** Leveraged a robust front-end technology stack comprising TypeScript, and React JAVA, SQL for the development of the system. Enhanced front-end development efficiency by 50%.
- **Accounting Sub-category and Approval Process Development:** Developed multiple sub-categories within the accounting system and approval process pages, implementing features such as red list functionality, marketing group configuration, and daily reconciliation inquiry pages for mobile operations.
- Developed real-time file upload capabilities and asynchronous batch file import functionality, including validation of imported file content in formats such as .TXT and .XLS.

Swire Properties Personal Privacy Training H5 Game

Aug 2020 - Sep 2021

Software Developer

Guangzhou, China

- Created educational H5 games on privacy knowledge for various employee groups, including marketing, hotel staff, frontline workers, and office personnel.
- Managed the development of the quiz and scoring modules within interactive training tools
- Optimized the size of the product, compressed the built-in font size of the product, and successfully reduced the memory of the compressed product package by 30%.

Innovation and Entrepreneurship Training Programme for University Students

Aug 2018

Team Leader

Guangzhou, China

- Led the development of the “Multi-Dimensional University Admission Counseling Assistant APP” university application planning mobile app, overseeing the overall architecture design and core functionality implementation.
- Independently developed a machine learning-based intelligent recommendation engine, providing users with 80% accurate university and major recommendations, with provincial-level project approval.

SKILLS

Language Skills: Mandarin (Native), English (Proficient)

Programming Languages: Proficient in Java and JavaScript; Familiar with C/C++ and Python