Jiakang Huang

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SKILLS AND INTERESTS

♦ Proficient in Java, C, C++, R studio, Python, HTML & CSS, Assembly, Dr Racket.
♦ Web development (HTML, CSS, Markdown)
♦ Language Skills: Fluent in Mandarin, Advanced in English

PROFESSIONAL EXPERIENCE

Team Member, "Cross-border Remittance" Mobile App | Cross-Border Financial Centre, Bank of China Sichuan Branch | Sichuan, China | May 2021 – September 2021

♦ Diagnosed user experience issues within the new app, ensuring seamless data retention in the cross-border section.
♦ Orchestrated promotional campaigns, producing posters and videos.
♦ Designed an efficient appointment booking system for bank counter services.
♦ Completed comprehensive training for an employer at the Bank of China.

Front-end Developer & UI Designer, Warehouse Management | Sichuan Kangyile Plastic Ltd | Sichuan, China | January 2023 – May 2023

♦ Introduced a secure login system for the warehouse management platform.
♦ Crafted an intuitive UI interface, enhancing user onboarding and experience.
♦ Strengthened system integrity based on customer feedback.
♦ https://github.com/DanielHuangjiakang/Warehouse-Management-System

Web Developer & Overseas AI Consultant | Shenzhen Qimai Electronics Ltd | Shenzhen, China | May 2023 – July 2023

♦ Educated clientele on AI principles and diverse applications like AI-driven chat systems tailored for cross-border e-commerce.
♦ Piloted several AI integrations for both e-commerce platforms and electronics manufacturing.

TECHNICAL PERSONAL PROJECTS

Team Leader and HTML & CSS Developer for RateIt | nwHackathon 2024 | Vancouver, Canada | January 2024 – February 2024

♦ Led the development of "RateIt," a customizable rating platform, from concept to launch at nwHackathon 2024.
♦ Focused on frontend development with HTML and CSS, creating a user-friendly and responsive interface.
♦ Managed team dynamics and project workflow, ensuring timely delivery and quality standards.
♦ https://github.com/DanielHuangjiakang/RateIt-nwHackathon2024

Web Developer for Warehouse System Survey Form | Personal Project | Vancouver, Canada | September 2023 – October 2023

♦ Developed a user feedback form for a warehouse management system using HTML and CSS, focusing on responsive design and user experience.

- ♦ Integrated various form elements such as dropdown menus, radio buttons, and checkboxes to gather comprehensive user feedback.
- ♦ Deployed the form online for accessibility and ease of response submission.
- ♦ https://github.com/DanielHuangjiakang/WarehouseSystemSurveyForm

Data Analyst for Direct Train Production Setting Analysis | Personal Project | Vancouver, Canada | December 2023 – January 2024
- ♦ Conducted a comprehensive data analysis to explore the relationship between Guaranteed Production and Actual Profit Margin.
- ♦ Utilized polynomial regression models in R to analyze complex non-linear relationships between variables and pinpoint critical data inflection points.
- ♦ Presented findings that provide valuable insights for economic and business decision-making processes.
- ♦ https://github.com/DanielHuangjiakang/Anuoxin-Production_Setting_Analysis

ACADEMIC PROJECTS

Leader, Data Analysis Team "Bird Skeleton Species Differentiation" | Personal Project | Vancouver, Canada | September 2022 – December 2022
- ♦ Leveraged R programming to model data from tens of thousands of bird skeletons, achieving a model accuracy of 94%.
- ♦ Compiled a detailed report using model predictions, presented via Markdown.
- ♦ Coordinated the collaborative efforts of a multidisciplinary team of four.
- ♦ https://github.com/DanielHuangjiakang/Bird_Bone_Classification-DSCI100GroupProject

Team Leader, "Academic Success and Parental Education Analysis" | STAT 201 Group Project | Vancouver, Canada | 2023
- ♦ Led a study examining the relationship between students' academic success and parental education levels, as part of STAT 201 coursework.
- ♦ Utilized R for data analysis, focusing on GPA and parental education. The study revealed no significant difference in academic success based on parental education.
- ♦ Challenged stereotypes about educational achievement, contributing to discussions on educational equality.
- ♦ https://github.com/DanielHuangjiakang/Academic_Success_and_Parental_Education_Analysis-STAT201Group29

EDUCATION

Bachelor of Science in **Computer Science** | **University of British Columbia** | Vancouver, CA | 2022 – 2026
- ♦ CGPA 2022: 90% | 4.33/4.33 (Dean's List)
- ♦ CGPA 2023: 90% | 4.33/4.33 (In progress)
- ♦ Relevant Coursework: Systematic Programming Language, Algorithms, Data Structures, Database Systems, Web Development, Mobile App Development, Data Analysis