



# 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.

**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.

**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.

**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.

## **ACADEMIC PROJECTS**

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**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.

**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.

## **EDUCATION**

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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