



# JIAHE JIANG

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## EDUCATION

**Bachelor of Science:** Year 2, Computer Science Major

**University of British Columbia** - Vancouver, BC

Outstanding International Student Award, 2022

Go Global International Learning Programs Award, 2024

## TECHNICAL SKILLS

- Software: Visual Studio Code, IntelliJ, R studio, Jupyter Notebook, Git/Github, MS Office
- Programming: Python, Java, C++, C, Assembly, Shell, SQL
- Testing: Junit, GDB, Makefile
- Web development: HTML (5), CSS (3), JavaScript, Figma
- Data Visualization: R, Tableau

## TECHNICAL PROJECTS

**Cosmetic Warehouse App**, 09/2023 - 12/2023

- Developed a desktop application that enables users to view, add, remove cosmetic products in the warehouse, and save the current warehouse state.
- Constructed the backend using Java with local storage in JSON format.
- Designed a fronted JavaFX GUI integrated with the Java frontend.
- Tracking data with local storage.
- Github: [https://github.com/JiaheJiang/Cosmetic\\_Warehouse\\_App](https://github.com/JiaheJiang/Cosmetic_Warehouse_App)

**Student Success & Parental Education**, 09/2023 - 12/2023

- Led a study investigating the correlation between students' academic performance and the educational level of their parents, defining highly educated parents as those with at least a bachelor's degree.
- Analyzed GPA data and parental education variables using R, employing bar charts and histograms to initially discern general relationships.

- Conducted hypothesis testing on the dataset and utilized the confidence interval to demonstrate the lack of correlation between parental education level and student academic achievement.
- Github: <https://github.com/JiaheJiang/Student-Success-Parental-Education>

#### **W-Network, 03/2024 – 04/2024**

- Crafted a web interface with HTML and CSS providing users with access to the full suite of features available on the W-Network platform.
- Utilized separate CSS files to enhance the visual appeal and structure of the webpage interface.
- Engineered interactive forms with mandatory fields and instructive placeholder text to guide user input on pages like login, account creation, and password reset.
- Github: <https://github.com/JiaheJiang/W-Network>

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### WORK EXPERIENCE

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#### **R&D Assistant Engineer, 06/2023 - 07/2023**

##### **Wuhan Deepin Technology Company – Wuhan, China**

- Worked with management to evaluate future projects and align with critical path schedule requirements.
- Helped to evaluate new techniques and procedures for purposes of product development.
- Set timelines and coordinated deliverables for R&D projects.
- Work in an agile environment, assisting the team in scheduling stand-ups and meetings.
- Assisted with control design, implementation and integration.

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### LANGUAGES

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#### **English**

Professional Working

#### **Chinese (Mandarin)**

Native or Bilingual