# 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

**Relevant Coursework:** Systematic Programming Language, Basic Algorithms and Data Structures, Software Construction, Computer Systems, Applied Machine Learning, Data Analysis

## TECHNICAL SKILLS

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

## 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

**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

## WORK EXPERIENCE

**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.

## LANGUAGES

**English**
Professional Working

**Chinese (Mandarin)**
Native or Bilingual