JIAHE JIANG

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EDUCATION

Bachelor of Science: Year 2, Major in Computer Science

University of British Columbia - Vancouver, BC   09/2022 - present

Outstanding International Student Award   09/2022

Go Global International Learning Programs Award   05/2024

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, RStudio, 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.

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

- Collected data from the UCI database, cleaned, and transformed it into a suitable format for analysis.
- Analyzed GPA data and parental education variables using R, employing bar plots and histograms to identify trends, patterns, and 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.
- Evaluated the performance of the models using the confidence interval and P-value to determine the best-performing model.

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.

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.
- Evaluated 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