Yutong Li

3rd Year Combined Major in Computer Science and Statistics
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TECHNICAL SKILLS

Languages

- Bash, C, C++, CSS, HTML, Java, JavaScript, Kotlin, PHP, Python, R, SQL, XML

Software | Frameworks

- Android Studio, CLion, Git, GitHub, IntelliJ, Jira, jQuery, JSON, JUnit, Jupyter, Linux, MATLAB, Microsoft Office, MySQL, PyCharm, Slack, Visual Studio Code, Xftp, Xshell, Kubernetes, Docker, CherryPy

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WORK

Software Development Intern   2021 JAN – 2021 AUG

Demonware

- Worked on internal projects on the Central Tools using Python and JavaScript.

Software Developer Intern   2020 SEP – 2020 DEC

Hypatia Systems

- Software developer intern at Hypatia Systems
- Successfully pushed out the production version of the Hypatia Microsoft Office add-in for non-IE browsers
- Working on debugging and implementing features for the add-ons, built in JavaScript with jQuery, Semantic UI, and CSS.

Teaching Assistant   2020 JUL – 2020 AUG

The University of British Columbia, DSCI 100

- Worked as a team to answer student questions during lecture/tutorials
- Answered student piazza questions, marked assignments, held office hours, gave feedback on group projects, and led tutorials

Math/English Tutor   2018 OCT – 2020 JAN

Circle Point Education Academy

- Taught high school students one on one math and English course material
- Prepared quizzes and tests before each class

PROJECTS

Relational Datingbase – a Dating App

University of British Columbia - CPSC 304

- Web dating application built using PHP and MySQL, using CSS for styling in a relational database class as a team of three
- Created the photo and text feed, reaction ability, MySQL tables, complex SQL queries, as well as building a statistics page, adding miscellaneous features, and testing/debugging problems

GenkiVocab

Personal Project

- Built with Android Studio Java, a dictionary of Japanese vocabulary words in the textbook "Genki"
- Includes common information about each word found, fetched from an online JSON database
- Implemented many structured functions related to the search algorithm

UBC Course Checker

Personal Project

- Python console application that uses Twilio (an automated SMS service)
- User is prompted to enter a course URL they wish to enroll in, and the application checks the URL with a given frequency. Once a seat has opened, the user is automatically texted as a reminder.
- Utilized web scraping and exception catching for unstable internet connections.

"Helth" Game

BC Game Jam 2020

- A side-scrolling game made in Android Studio Java and Kotlin, achieved 3rd most voted for game
- Worked on the music, hit-box physics functions, screen UI, and character attributes with libGDX
- Fixed technical bugs regarding the timer and start screen

EDUCATION

University of British Columbia   2018 SEP – 2023 APR

Vancouver, BC, Canada

- Bachelor of Science, Combined Major in Computer Science and Statistics
- 4.00 GPA