

# Yutong Li

3<sup>rd</sup> Year Combined Major in Computer Science and Statistics  
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## TECHNICAL SKILLS

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### 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

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## WORK

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### 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

### Lab Assistant

2019 SEP – 2019 DEC

*The University of British Columbia, CPSC 110*

- Organized lab activities as a team and helped students with any questions they had
- Transcribed TA comments to a hearing-impaired student and helped explain questions regarding code

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## PROJECTS

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### 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 3<sup>rd</sup> 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

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## EDUCATION

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**University of British Columbia**

2018 SEP – 2023 APR

*Vancouver, BC, Canada*

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