

# Jackie Zhou

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Jackie-z528



Jackie-zhou.netlify.app

## Experience

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### COMPUTER SCIENCE & PHYSICS TUTOR

*Sept 2019 - June 2020*

- Communicated effectively with students and encouraged them to continue attempting to complete the course
- Prevented multiple occasions of student failure/dropout and increased grades by 20% on average

## Awards & Achievements

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### CYBER SECURITY LIVE CASE, TD BANK

*Semi-Finalist*

*December 2020*

Designed and pitched a blockchain database for TD Bank to implement in order to increase their cyber security and protect their customers. Semi-finalist out of 250+ participants.

### CYBER SECURITY CAPTURE THE FLAG, SYSKRON SECURITY

*October 2020*

Using reverse engineering and steganography tools, solved numerous cyber security problems relating to programming vulnerabilities. Top 100 finisher out of 1000+ participants.

### JAMHACKS 2, SIR JOHN A MACDONALD SS

*Honorable Mention*

*May 2018*

Using Java, created an interactive AI chatbot in order to reduce social anxiety and increase productivity. Received an honorable mention out of 100 participants.

## Skills

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### LANGUAGES

Java, Python, C, DrRacket

### FRAMEWORKS & TOOLS

Android Studios, Ghidra, Steghide

## Education

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### UNIVERSITY OF WATERLOO

*Expected May 2025*

- Honors Bachelors of Mathematics | Intended Focus in Computer Science
- President's Scholarship (90% average or higher)