

# Jackie Zhou

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647-824-1231



Jackie-z528



Jackiezhou.online

## 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
- Effectively simplified learning experience for students and prevented multiple occasions of students dropping the course while increasing 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 network to TD to increase transaction security
- Semi-finalist out of 250+ teams

### 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+ teams

### JAMHACKS 2, SIR JOHN A MACDONALD SS

*Honorable Mention*

*May 2018*

- Using object oriented programming in Java, developed an AI chatbot prototype that detects keywords and responds accordingly
- Received an honorable mention

## Skills

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### LANGUAGES

Java, Python, C, DrRacket, HTML, CSS, JavaScript

### 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)