

# CHENHE (TOM) WU HAMILTON, ON, CA

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## HIGHLIGHTS OF QUALIFICATIONS

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- 4-16 months co-op
- problem-solving algorithmic skills
- algorithms design real world data
- teamwork and leadership Math Visualizer
- Norman Design Principles user experience
- scalable full-stack Node.JS, React (Redux), and major
- CSS frameworks DevOps Google Cloud, Docker, and Git
- Keeper Notes E-Commerce
- Dean's Honor List
- top 15% in program
- DevOps developer front-end developer back-end developer full-stack  
developer software developer, web developer

## EDUCATION

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Bachelor of Engineering, Honors Computer Science Co-op

Sep 2022 – Present

- Introduction to software development (Achieved A+):
- Data Structure and Algorithms (Achieved A-)
- Databases (Achieved A)
- Computer Architecture (Achieved A+)
- Operating System (Achieved A+):

## SKILLS

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Programming languages:

Frameworks and Libraries:

Services and DevOps:

Databases:

Languages:

Other:

# TECHNICAL PROJECTS

E-commerce (Personal Project)			Sep 2024 – Dec 2024	
<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li><li>•</li><li>•</li><li>•</li><li>•</li></ul>	full-stack e-commerce web application		React.js	
	Redux development	Tailwind CSS Framework	Node.js/Express.js	API
	secure payment functionality	PayPal API		payment
	approval order creation	real-time status updates		
	PostgreSQL database schema		product inventory, order details, user data, and payment records	
	RESTful APIs	user authentication	cart management	order processing
	industry standards	scalability		
			state synchronization	local storage and Redux
issues			improving session continuity for users	cart persistence
			deployment and sandbox testing	
			production readiness	

Keeper Notes (Personal Project)			Jun 2024 – July 2024	
<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	productivity	□	full CRUD functionality	user
	intuitive interface design			
	security with hashed and salted passwords		100% of simulated brute force attacks during testing	
			Passport.js	