Tamkien Le

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EDUCATION

Bachelor of Computer Science with Honours (BSc), Co-op - Carleton University (3.60 / 4.00 GPA) Sep 2021 - Apr 2026
- Pursuing a specialization in Computer Science with a $2000 scholarship
- **Related Coursework**: Intro to Computing I & II, Calculus I, Discrete Mathematics for Computing, Probability and Statistics for Engineers, Intro to Software Engineering, Abstract Data Types and Algorithms

EXPERIENCE

IT Consultant Co-op - RealIT Management, Ottawa ON May 2023 - Present
- Developed a Python script to enhance the transparency and traceability of data flow from SAP data imports
- Design, test and document backup solutions for company hardware including ESXI servers, Synalogy NAS and Desktops
- Proposed and made changes to the company website in which increased incoming user traffic

PROJECTS

Art Gallery Website - Javascript, Node.js, MongoDB [Repository](#)
- Built a website using RESTful API which allowed users to view, post and review artworks
- Created a backend in Node.js using Express framework to communicate with MongoDB
- Generated HTML elements in template engine pug.js which allowed for cleaner code

Automation Bot - Python, Selenium [Repository](#)
- Enhanced the online shopping experience on HotTopic.com by developing a Selenium script for automation of checkout process
- Automated the add-to-cart and checkout process allowing clients to purchase item before it went out of stock
- Implemented a GUI which allowed users to enter info so that the script could be utilised more conveniently

Bandit Chrome Extension - Node.js, React, Selenium, Express [Repository](#)
- Created a chrome extension that compares the prices of products between Amazon and all applicable eBay listings
- Designed in 36 hours for the uOttaHack 5 Hackathon alongside three other university students

AES Encryption Program - C [Repository](#)
- Created an terminal based encrypt/descrypt program in C using AES encryption
- Program allowed users to create 8-bit encrypted passwords which could later be decrypted
- Encryption algorithm was implemented through bit manipulation

EXTRACURRICULARS

uOttaHack 5 Hackathon
- Created a chrome extension that compares the prices of products between multiple Amazon and eBay listings to find the best price
- Written using Node.js, React,js, Express, and Selenium with HTML and CSS elements for front-end styling
- Webscraped Amazon elements and used an eBay API to pull up listings for different products.

AZ - 900 Certificate
- Currently studying for the AZ-900: Microsoft Azure Fundamentals Certificate
- Utilizing excellent time management skills to maintain work-life balance while studying for the exam

SKILLS

Languages	Python, C++, C, Java, Javascript, HTML, CSS, Actionscript
Tools/Frameworks	Selenium, React.js, Node.js, Express, MongoDB, Kivy, Git, Github
Soft Skills	Leadership, Teamwork, Communication, Critical Thinking, Problem Solving