Zion Chong

4th Year Computer Science Student

✉ zion2027@gmail.com 📞 5145779942 📍 Mississauga ON, Canada

🐙 https://github.com/ZionC27 in https://www.linkedin.com/in/zion-c/

SKILLS

Programing languages:	Java, C#, C, C++, Python, JavaScript, HTML, PHP, CSS,
Database:	DynamoDB, S3, MySQL, Oracle SQL, SQL Server,
Tools / platforms:	AWS, Git, GitHub, Raspberry Pi, Arduino, Unity,
library / Frameworks:	jQuery, AJAX, Node.js, Bootstrap,
Languages:	English, Mandarin, Japanese (Conversational)

EDUCATION

01/2019 – present

Thompson Rivers University, *Computer Science*
- Recognized on the Dean's list (2022) (2023)
- Overall GPA of 3.77
- Participated in the Computer Science, Japanese, photography and Game club.

Kamloops, Canada

09/2022 – 08/2023

Toyo University, *Exchange Student*
- Involvement in language clubs, contributing to teaching and learning sessions for diverse linguistic skills.
- Explored a diverse range of courses during studies in Japan, gaining exposure to various subjects and perspectives.

Tokyo, Japan

09/2015 – 06/2018

Jingwen High School, *Vocational High School Diploma*
- Learned hardware fundamentals including circuitry and Programmable Logic Devices (PLD).
- Gained proficiency in software coding and electronics.

Taipei, Taiwan

WORK EXPERIENCE

06/2020 – present

Software developer, *Kjet Air Duct Cleaning*
- Developed, tested, and maintained the company's customer database software.
- Created software and user interfaces using Visual Studio (C#). Implemented a secure and efficient customer database utilizing SQL Server.
- Applied Agile software development methodology for streamlined collaboration and improved customer satisfaction.

Mississauga, Canada

06/2017 – 08/2017

Teacher Assistant, *All new Cram School*
- Supported teacher with preparation of class material, homework, and marking tests.

Taipei, Taiwan

PROJECTS

2023	**IoT Workplace Safety and Security, Monitoring with Cloud Processing**
	- Demonstrating efficient cloud processing and monitoring integration for sensor data management.
	- Utilizing Raspberry Pi, sensors, and cloud-based AWS services (IoT Core, Lambda, DynamoDB, S3, Sagemaker)
2023	**Computational Art with Genetic algorithm**
	- Used a genetic algorithm to iteratively generate an image resembling a given image.
	- Incorporated the generated image with my own photography images.
2020	**Restaurant menu app with AR features**
	- Designed a restaurant's ramen menu with interactive, life-like 3D representations projected onto your table using augmented reality (AR) technology.
	- Seamlessly access restaurant information, including contact details, integrated Google Maps for easy navigation, and social media integration.
2022	**SQL Injection and Prevention testing and evaluation**
	- Conducted comprehensive testing of potential injection methods on both the website and local databases to identify vulnerabilities.
	- Developed and deployed code enhancements to fortify the system against potential injection attacks.

CERTIFICATION

2017	**Computer Maintenance Class – C Certification**	Taipei, Taiwan
	- Assemble and dismantle PC	
	- OS installation (Windows and Linux)	
	- Software Installation	
	- Install RJ45 connector and network connection	
	- Computer functionality test	

VOLUNTEER

2019 – 2020	**Orientation Volunteer,** *Thompson Rivers University*	Kamloops, Canada
	- Welcoming, inspiring, and supporting new students. Helping with event planning.	
2015 – 2018	**Community Volunteer,** *Jingwen High School*	Taipei, Taiwan
	- Help and organize events. Participated in community service work and charity events.	

INTERESTS

IoT development | Application development | Language studies | Film & Digital Photography

Gym | Sports | Guitar

REFERENCES

Available upon request