

Zion Chong

4th Year Computer Science Student

✉ zion2027@gmail.com ☎ 5145779942 📍 Kamloops BC, 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,
ML/AI: Tensorflow, SKlearn, Keras, Librosa, Numpy, Matplotlib,
Languages: English, Mandarin, Japanese (Conversational)

EDUCATION

09/2022 – 08/2023	Toyo University , <i>Exchange Student</i> - 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 , <i>Vocational High School Diploma</i> - 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 , <i>Kjet Air Duct Cleaning</i> - 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 , <i>All new Cram School</i> - 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)
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2023	Computational Art with Genetic algorithm <ul style="list-style-type: none"> - Used a genetic algorithm to iteratively generate an image resembling a given image. - Incorporated the generated image with my own photography images.
2023	Dungeons <ul style="list-style-type: none"> - 3D 3rd Person PCG Dungeon Crawler - Utilized procedural content generation for music, map generation, character skin, and enemy spawn location.
2022	SQL Injection and Prevention testing and evaluation <ul style="list-style-type: none"> - 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.
2020	Restaurant menu app with AR features <ul style="list-style-type: none"> - 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.

CERTIFICATION

2017	Computer Maintenance Class – C Certification <ul style="list-style-type: none"> - Assemble and dismantle PC - OS installation (Windows and Linux) - Software Installation - Install RJ45 connector and network connection - Computer functionality test 	Taipei, Taiwan
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VOLUNTEER

2019 – 2020	Orientation Volunteer, Thompson Rivers University <ul style="list-style-type: none"> - Welcoming, inspiring, and supporting new students. Helping with event planning. 	Kamloops, Canada
2015 – 2018	Community Volunteer, Jingwen High School <ul style="list-style-type: none"> - Help and organize events. Participated in community service work and charity events. 	Taipei, Taiwan

INTERESTS

IoT development | Application development | Language studies | Film & Digital Photography
Gym | Sports | Guitar

REFERENCES

Available upon request