

Zion Chong

4th Year Computer Science Student

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🌐 <https://github.com/ZionC27> in <https://www.linkedin.com/in/zion-c/>

SKILLS

Programming 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

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

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| 2023 | IoT Workplace Safety and Security, Monitoring with Cloud Processing <ul style="list-style-type: none">- 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 <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. |
| 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. |
| 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. |

CERTIFICATION

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| 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

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| 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