

Kenny Zhao

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in <https://www.linkedin.com/in/kenny-zhao/> 🔄 <https://github.com/kennyzhao-code>

EXPERIENCE

MOC Software Developer

McMaster Interdisciplinary Satellite Team, Satellite Manufacturer

09/2023 – present
Hamilton, Canada

- Oversaw the development of software in collaboration with the Canadian Space Agency, enabling remote command and control capabilities for ground stations and satellites
- Managed the reception, parsing, and storage of experimental data and telemetry from ground station(s), resulting in a 67% increase in operational efficiency
- Maintained a variety of critical virtual servers essential for ensuring uninterrupted data collection and communication between satellites and mission control

Front-End Assistant

Costco Wholesale Corp., Retail Company

06/2023 – 09/2023
Markham, Canada

- Provided exceptional customer service and strong interpersonal acumen by extending a warm welcome to customers, assisting with inquiries, and swiftly resolving issues, leading to a remarkable 76% increase in customer satisfaction
- Effectively managed and upheld the organization of the front-end section by orchestrating staff schedules and optimizing workflow

Freelance Tournament Organizer and QA Tester

American Video Game League, Esports Company

05/2021 – 05/2023
Remote

- Assisting fellow student leaders at events and providing support to competitors during tournaments, achieving a 100% participant satisfaction rate
- Enhanced the organization's website and features by more than 50% through rigorous QA testing, contributing to improved speed and efficiency
- Demonstrated strong ability to work under pressure and remain composed in high-stress situations while overseeing and managing multiple competitions

EDUCATION

Honours Bachelor of Applied Science in Computer Science

McMaster University

GPA: 3.9/4.0

Activities: Year Representative at McMaster Computer Science Society

Hamilton, Canada

PROJECTS

Personal Website - Unveiling My Journey and Passions

ReactJS, GatsbyJS, HTML, CSS, NodeJS, JavaScript

10/2021 – present

- Created a personal website serving as a digital portfolio, consolidating skills, achievements, and interests into a unified online presence
- Leveraged various programming languages, to develop a platform for interacting with individuals intrigued by my career trajectory and goals

HealthChain - Revolutionizing the Future of Digital Healthcare with Blockchain

ReactJS, HTML, CSS, JavaScript, Verbwire, NodeJS, Git

01/2023 – 01/2023

- Collaborated within a 4-member team to create a blockchain-based healthcare record storage website, enhancing the security of medical data storage
- Implemented the Verbwire API for publishing files onto IPFS, subsequently storing it securely on the blockchain ensuring data integrity
- Achieved recognition for "Most Creative Use of Verbwire API" at the DeltaHacks hackathon hosted by McMaster University

heAr - Augmented Reality and NLP for Enhanced Communication

Python, Flask, Co:here, AR, Heroku, C#, Unity, Git

09/2022 – 09/2022

- Collaborated within a 4-person team at University of Waterloo's Hack The North, to develop an augmented reality Natural Language Processing (NLP) application capable of real-time speech summarization
- Utilized Python, Flask, and Heroku to seamlessly integrate our Unity code with Co:here's API, enabling the processing and summarization of speech

SKILLS

- Languages: R, C/C++, JavaScript, HTML, CSS, Python, Java, Bash
- Frameworks/Software: SQL, NumPy, ReactJS, GatsbyJS, Git
- Speaking Languages: English, French