

# Andre Arcaina

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## SUMMARY OF QUALIFICATIONS

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- Participated in 3+ Hackathons, securing one victory, where I acquired valuable knowledge and honed problem-solving skills through workshops and collaborative decision-making
- Engaged in facilitating and mentoring more than 20 students in computer science activities such as block coding and Arduino IDE, demonstrating effective communication and educational support

## SKILLS

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**Languages:** Python, JavaScript, PHP, Java, C, Common Lisp, HTML, CSS

**Technical:** Flask, TailwindCSS, Bootstrap5, jQuery, React.js, Streamlit

**Developer Tools:** VS Code, Git, Node.js, USS, Bash, JCL, Zowe, z/OS

## CERTIFICATIONS

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**IBM Z Xplore - Concepts** | [Credential](#)

Issued Nov 2023

- Achieved a better understanding to confidently navigate the IBM Z environment, whether it involves working and manipulating data sets, scripting in USS, or utilizing Python

## RELEVANT EXPERIENCE

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**IBM** | *IBM Z Ambassador*

Nov 2023 - Present

- Established a school club to educate on IBM enterprise computing, LinuxONE, and z/OS, laying the foundation for a knowledge-sharing platform
- Actively advocated for IBM Z on social media and collaborated with industry professionals, contributing to the widespread awareness and appreciation of IBM Z

**Let's Talk Science** | *TMU SciXchange Volunteer Outreach*

Sept 2023 - Present

- Facilitated virtual workshops teaching students how to program using Micro:Bits
- Worked in teams to plan, test, and deliver coding activities with Arduino

## PROJECTS

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**Nectar** | *Flask, BeautifulSoup4, TailwindCSS, jQuery* | [GitHub](#)

Nov 2023

- Secured the Best E-Commerce theme award at NewHacks2023 by developing a client-centric web application that optimizes buying and selling experiences through innovative solutions
- Implemented a user-friendly query form generating statistical models to streamline online shopping and selling, enhancing user connectivity and decision-making while saving time and money
- For Best Creative Use of GitHub, implemented Git, Node.js, and Python's virtual environment for streamlined version control with a distinctive touch

**CoinWatch** | *React, Redux, Ant-d* | [GitHub](#)

Oct 2023 – Present

- CoinWatch is cryptocurrency web app that delivers real-time updates on prices, market cap, and news, earning recognition for its dynamic user experience
- Utilized Coinranking API for impactful data visualization, showcasing essential currency statistics, and earning recognition for enhanced client insight
- Developed a custom API optimized for efficiency by minimizing call frequencies, resulting in improved performance

**self.translate** | *OpenCV, MediaPipe, CvZone Streamlit* | [GitHub](#)

April 2023

- Created a user-friendly web app for learning and translating languages, including ASL, earning recognition for its simplicity and educational features
- Integrated Co:here and Google Translate API for efficient language detection and translation

## EDUCATION

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**Honours Bachelor of Science (Co-op)**  
**Toronto Metropolitan University**

Sept 2022 – Present

- Relevant Courses: Probability and Statistics, Web Systems Development, Data Structures