Andre Arcaina

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SUMMARY OF QUALIFICATIONS

- Applied critical-thinking skills to develop a full-stack web application using Next.js, Flask, and various frontend and backend technologies, demonstrating strong understanding and experience with React, RESTful communication, API calls with endpoints, and CRUD operations
- Collaborated and organized a web application with developers that won Best E-Commerce Project and Best Creative Use of GitHub during a NewHacks2023
- 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

Languages: Python, JavaScript, PHP, SQL, C, HTML/CSS
Technical: Flask, Next.js, React.js, jQuery, TailwindCSS
Developer Tools: VS Code, Git, Node.js, Bash, Docker

RELEVANT EXPERIENCE

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

WizGallery | *Flask, Next.js, MySQL, Docker* | GitHub   Jan 2024 – Present
- Developed a full stack web application with Next.js, creating a dynamic platform for showcasing and managing a personal collection of Wizard101 game photos from a local MySQL database
- Implemented Flask to streamline database queries, employing HTTP methods like GET
- Established a dynamic, well-organized, and responsive web application with a RESTful API structure for optimal user experience and data retrieval

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

CPS530 Website | *Vue.js, PHP, mySQL, Perl, Python2, JavaScript* | GitHub   Sept 2023 – Dec 2023
- Created a web application that touches on the basics of web development, and showcases various programming languages and database concepts
- Developed multiple forms that renders a certain task based on the assignment using different server-side scripting languages such as Perl, Python2, ASP, PHP, and mySQL

EDUCATION

Computer Science Co-op - BSc (Hons)   Sept 2022 – Present
Toronto Metropolitan University

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