Raymond Tao

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🌐 US & Canadian citizen   ⦿ /Raymondtaoo
🔗 raymondt.me

Eager sophomore SE student seeking a summer 2024 co-op

💻 Skills

Programming Languages   Python, JavaScript, TypeScript, HTML, CSS, Java, C++, SQL

Tools   React, Express, MongoDB, Mongoose.js, Tailwind CSS, Node.js, Kubernetes, Docker, Terraform, AWS S3, FastAPI, Next.js, PostgreSQL

🎓 Education

McMaster University   2022 – Present
Bachelor of Engineering - Software Engineering   *Hamilton, ON*

> **Relevant Skills:** OOP, DSA, Computer Architecture, Software Design
> Awarded Engineering Award of Excellence worth $3000
> Clubs: intramural basketball, water polo, jiu jitsu, chess

</> Projects

🔗 FrameOff

> Built a responsive image-based poll web app using **TypeScript**, **Vite**, and **React**, allowing users to create, share, vote, and view results
> Created **REST API** endpoints with **Express**, leveraging **MongoDB** data models and **Multer** middleware for image uploads to **AWS S3**
> Designed user-friendly interfaces with **Figma**, **React.js**, and **TailwindCSS**, and prototyped with **Storybook**
> Improved state management and performance using **zustand**

🔗 AutoML

Google Student Developer Club:
> Created a user-friendly platform for easy generation of custom classification models
> Implemented a **MVP** using **React** and **Next.js** to streamline UI, and model deployment via **FastAPI**
> Enhanced algorithm accuracy and addressed overfitting using **PyTorch** for model training
> Implemented scalable deployment with **Docker**, **Kubernetes**, and **Terraform** on Google Cloud Platform

🔗 ScoreBetBot

> Used **Chrome WebDriver** and **Selenium** for scraping NBA betting odds and team information
> Integrated Twitter's API using **Tweepy** in Python for automatic tweeting

☰ Experience

IT Intern   Sep. 2021 – Feb. 2022
Digital Fire   *Oakville, ON*

> Offer server/hardware support for businesses, encompassing new installations and existing infrastructures
> Applied automation scripts for efficient hardware maintenance and engaged in software testing to enhance application reliability and quality

⭐ Interests

Piano   *Royal Conservatory Repertoire Level 9*

> Favorite Musical Pieces: Nocturne in E-flat Major, Waltz in C Minor, Prelude in E Minor, Clair de Lune

Powerlifting   *Member of McMaster Barbell*

> Strength Records: Squat - 395 lb, Bench Press - 285 lb, Deadlift - 485 lb