

KUANJIE (PETER) CHEN

Toronto, ON - Canadian Citizen

☎ [+1-7782512351](tel:+17782512351)

✉ kuanjiechen2001@gmail.com

📺 [Peter](#)

🔗 [Pterc-code](#)

EDUCATION

University of Toronto - St. George

08 2019 – 08 2024

Math & Statistics Major, Computer Science Minor - Dean's List 2020

Toronto, Canada

Relevant Courses

- Nonlinear Optimization
- Introduction to Databases
- Linear Programming
- Foundations of Machine Learning
- Software Design
- Web Development
- Linear Algebra II

PROFESSIONAL EXPERIENCES

FZ Glitter | Supplier Management Platform | React, Django, MySQL

10 2024 – Present

Full-Stack Developer

Fuzhou, China

- Led **user-centric development** by collaborating with users to gather requirements and design a user-friendly web application for sourcing management, improving efficiency by **200%**.
- Developed a scalable application using **React (frontend)** and **Django (backend)**, managing over **500 supplier quotes** monthly.
- **Streamlined** sourcing process by replacing a slow, email-based pricing workflow with a centralized online platform, reducing response time from **1 day to instant**.
- Deployed a **globally accessible** platform on **Huawei Cloud** with a custom domain, enabling secure access.
- **Fostered supplier competition** by enabling multiple suppliers to submit quotes directly through the platform, driving down total sourcing costs by **25%**.
- Enhanced user experience by maintaining and updating the platform, introducing new features based on user feedback, achieving a **95% user satisfaction rate**.

HEXA Exchange Inc. | Web Crawler | Python, Request API, Selenium API

12 2021 – 06 2022

Software Developer Intern

Surrey, BC Canada

- Developed a high-performance web-scraping application using **Selenium** and **Requests** in Python, collecting over **10,000 real estate records** from **50+ regions**, while maintaining a **100% success rate** in bypassing anti-bot detection
- Cleaned and processed data, resolving over **2,000 anomalies**, and built a predictive model with **85% accuracy** for house price forecasting using **multi-linear regression**
- Optimized data processing speed by **70%** with efficient code and parallel processing
- Validated model performance with **ANOVA**, **T-tests**, and **residual analysis**, ensuring statistical reliability

PROJECTS

Discord Bots | Python, Request API, Youtube API, FFmpeg, Discord API

01 2021 - 01 2024

- Developed and managed a suite of three Discord bots, each designed for unique functionalities, using **Python**, **Discord API**, and **multi-threading** for efficiency.
- Built **Melody Bot**, a music bot capable of playing audio from **YouTube** using **FFmpeg**, with automatic disconnection after **5 minutes of inactivity**, optimizing server resources.
- Created **MECHA 01**, an automated soundboard bot leveraging **Riot API**, detecting in-game deaths in **League of Legends** and playing custom audio based on the player that died.
- Implemented **Badminton Court Booker**, an automated booking bot for **UofT's badminton courts**, utilizing **Requests API** for secure token extraction and multi-threaded scheduling, ensuring accurate and timely reservations.

Personal Web Page | React, JavaScript, HTML, CSS

01 2023 - Present

- Designed and deployed a **responsive portfolio** site with **React** and **Cloudflare CDN**, optimizing for mobile performance and SEO.
- Hosted the website with a **custom domain**, ensuring a professional online presence.
- Deployed the web page through **Cloudflare**, leveraging its global content delivery network (CDN) for fast and secure access worldwide.
- Optimized for **cross-browser compatibility** and mobile responsiveness, ensuring a consistent user experience.

TECHNICAL SKILLS

Programming Tools: VS Code, PyCharm, Python, JavaScript, HTML, CSS, Assembly, Github, NodeJS

Technologies/Frameworks: React, Django, Axios, JWT, Requests API, Selenium API, Request API, NumPy, Pandas, Huawei Cloud, MySQL, Gitee