Po-Yu (George) Chao

Seeking for Full-Stack Developer |Frontend Developer | QA Engineer

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Technical Skills

- Python, Java, C#, HTML5, CSS, JavaScript, typescript, Asp.net, React, SQL, MongoDB, Selenium, PHP, Flask, Next.js
- Full stack Development, Cloud Services, Databases, Web Development, Unit Testing, Automated testing
- Visual Studio Code, MySQL, Linux, Git, AWS S3, Azure, SQLite, Heroku, MongoDB Atlas, Postman
- Creativity, Critical Thinking, Problem-Solving, Collaboration, Communication

Working Experience

Wander Social, Software Engineer in ML. Intern - Vancouver, BC, Remote   Apr 2024 – July 2024
- Participated in weekly agile group meetings to discuss project progress and roadmaps.
- Implemented Reinforcement Learning from Human Feedback (RLHF) to optimize machine-learning models for better self-learning efficiency.
- Assisted in building internal tools to verify AI model responses, ensuring they align with human feedback.
- Improved the internal tool's UI to enhance user experience and accessibility.
- **Utilized Next.js, React.js, Rest APIs, JavaScript, TypeScript, Tailwind CSS, Eslint, Amazon S3, Git, Vercel, Postman**

Software Engineer. Phase software. Berlin, Germany- Vancouver, BC, Remote   Sep 2023 – Dec 2023
- Assigned to address UI-related issues and bugs in React software applications, collaborating closely with Phase Software
- Utilized a systematic approach to diagnose and rectify bugs, ensuring enhanced user interface functionality and experience.
- Regularly received and managed bug tickets through JIRA, efficiently prioritizing and addressing each issue in React components based on severity and impact.
- Collaborated with cross-functional teams to ensure consistency and quality in UI/UX across applications.
- **Utilized Tailwind CSS, Git, React.js, Next.js, JavaScript**

Quality Assurance intern, Phase software. Berlin, Germany- Taipei Taiwan, Remote/Hybrid   Jun 2023 – Sep 2023
- Facilitated the identification and classification of defects in the Phase project, providing detailed bug reports to the engineering team.
- Collaborated effectively within cross-functional teams, actively participating in daily discussions.
- Assisted in agile project management by managing team stories using JIRA, ensuring organized task tracking and issue resolution.
- Writing unit tests for functions using the Jest testing framework
- **Utilized Jira, Gherkin, Regression test, Exploratory test, Manual test, JavaScript, Jest**

Braun Product Consultant, Sun-Up Health Care Co., Ltd. Taipei, Taiwan   July 2018 – July 2020
Financial Consultant, Citi Bank – Taipei, Taiwan   Jun 2017 – July 2018

Education

M.S. Computer Information Technology, Arizona, USA   Jun 2024 – Jun 2025
M.S. Business management, National Kaohsiung Normal University, Kaohsiung, Taiwan |GPA: 4   Sep 2013 – Feb 2016

Certificate

Diploma-Web-development, TAMWOOD- Vancouver, BC | GPA: 4   Dec 2023 – Jun 2024
Certificate of Computer Science, Seattle University-Seattle, WA | GPA:3.75   Jan 2022 – Mar 2023

Programming Projects

TechTutor– Vancouver, BC   Jun 2024 – Present
- TechTutor is a full-stack web application designed to help users prepare for technical.
- Collaborated in a three-person **agile team**, specializing in integrating the frontend (**Next.js**) with the backend (**Flask**), utilizing the GPT API alongside **LLM** and **RAG** methodologies to dynamically generate technical questions based on user imported resumes.
- Utilized: **Next.js, React, Tailwind CSS, JavaScript, TypeScript, LLM, RAG, Monaco Editor, Python, Flask, OpenAI API, Vercel**

BookMyHomestay – Vancouver, BC   Mar 2024 – Apr 2024
- BookMyHomestay is a dynamic web application designed to help users find their ideal homestay.
- I specialized in frontend UI design (**React**) and handled **RESTful-API** requests between the frontend and backend.
- Utilized: **HTML, CSS, React, JavaScript, Axios, MySQL, Local Storage, Session storage, Git, PHP**

Taiwan Good Stuff – Taipei, TW   Oct 2023 – Jan 2024
- The Taiwan Good Stuff application is designed to share the world of Taiwan flavors.
- I contributed to the backend server (**Node.js**) by implementing **RESTful APIs** for user registration, login, password recovery, and email verification. Additionally, I designed the database schema using **MongoDB** and facilitated seamless data interaction.
- Utilized: **React, JavaScript, Tailwind, HTML, Node.js, Express, MongoDB, Heroku and MongoDB Atlas**

Foodie Seattle – Seattle, WA   Feb 2023 – Jun 2023
- Developed a web application for food enthusiasts to explore top dining spots in Seattle.
- Collaborated in an agile group, I contributed to **CRUD** operations enabling users to add new restaurants to our website and write **unit tests** to ensure functionality reliability and stability.
- Utilized: **C#, ASP.NET, Unit Testing, Azure, Git**