Ryan Huang

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EDUCATION

Western University   London, ON
Bachelor of Software Engineering   *May 2026*

EXPERIENCE

Software Engineer Intern   May 2024 – Sept 2024
Xinosys Co. Ltd   *Taipei, Taiwan*
- Worked with Amazon SWE tools and AWS AI as a newly partnered Amazon company
- Translated over 5+ languages using Amazon's Haiku AI, cross-referenced each translation using Google Translate and Chat-GPT for over 2000 words/terms
- Created a web crawler using Scrapy to obtain Amazon product information to train AI models for clients, with fully customizable parameters to avoid partnered companies
- Web crawler was able to scrape over 5300 results per hour, can expand to over 10000 results if better proxy system was implemented.
- Dissembled old company servers and combined parts to create a new company server running Linux.

Full Stack Engineer Intern   May 2023 – Sept 2023
Xinosys Co. Ltd   *Taipei, Taiwan*
- Developed API for the company's B2B web product to connect real-time sales information to client's dashboard using GraphQL, tested each function using Postman
- Created and improved the front-end user interface using React.js and Spring Boot framework while using Docker Desktop to create a local testing environment
- QA tested the product on Android, IOS, and Chrome while sending detailed reports of each bug over Slack

Full Stack Engineer Intern   Nov 2021 – Feb 2022
Genesis Labs   *Ottawa, ON*
- Worked as a full-stack web developer for a voting application, set up local environment using XAMPP Apache web server technology
- Implemented MySQL to register users of different access levels according to school system hierarchy. (Board member, Principle, Teacher, Student Leader, etc)
- Created a real-time data display for all users with varying displayed information based on access level, using basic HTML and CSS

PROJECTS

QQ Disaster Tracker | *PHP, MySQL, HTML/CSS*
  * Developed a web based disaster tracker for WEC 2024 competition in 7 hours with local deployment using MAMP(Apache web server technology)
  * Displays all current disasters in a list using MySQL imported from provided CSV file
  * Implemented search functions and displayed all rows of information

SKILLS

Languages: Mandarin, English
Programming Languages: Java, Python, SQL, JavaScript, HTML/CSS, C++, PHP, React.js, GraphQL
Developer Tools: Docker Desktop, Postman, Git, GitLab
Certifications: CPR/AED/First Aid, WHIMS