

Justin Chan

London, England

justnchxn@gmail.com | 07494973520 | [linkedin.com/in/justnchxn](https://www.linkedin.com/in/justnchxn)

SUMMARY

Motivated Software Dev/Cyber Security Analyst with hands-on Python development experience and a strong interest in AI modeling. Skilled in clean, efficient coding and applying machine learning techniques using libraries like TensorFlow and PyTorch. Well versed in Cyber Security Principles and a strong foundation in network security and risk assessment. Experienced in AI-driven and full-stack projects, with a focus on collaboration and continuous learning.

EDUCATION

King's College London

Bachelors of Science in Computer Science

Aug 2021 - Sep 2024

WORK EXPERIENCE

Internship at Sky

July 2022 - Aug 2022

Gained hands-on experience in full-stack software development by contributing to real-world projects in a collaborative team environment. Assisted in designing, developing, testing, and debugging software applications. Strengthened skills in Python, and worked with Git, SQL, and web frameworks. Developed a strong understanding of software development life cycles and best practices in clean, maintainable code.

Upwork

Nov 2024 - Feb 2025

Collaborated with clients to design and deploy a functional prototype of a Software-as-a-Service (SaaS) application using Python. Contributed to both front-end and back-end development, ensuring seamless integration and responsive user interfaces. Engaged in regular feedback sessions with clients to refine features and user experience. Followed Agile development principles to client's deadlines and expectations.

PROJECTS

Adversarial AI Agent Trainer In Python

- Developed an environment using AI where agents learn to compete against each other through reinforcement learning with a reward system to encourage strategic decision-making.
- Wrote a research paper explaining the fundamentals of machine learning and reinforcement learning, with an in-depth analysis of the advanced mathematics behind neural networks and reinforcement learning.

Traffic Detection Web App in Javascript

- Analysed live network traffic using Cloudflare API to identify security and suspicious IP activity.
- Deployed a Web App that displays the activity on 3D interactive graphic..

Music to Art AI Gen In Python

- Used Spotify API to get user music tastes and trends.
- Created prompts using music tastes and trends to generate AI art through Stability API.

Shopping/Groceries App in Swift

- Developed an app that keeps track of the user's groceries/shopping list.
- Saved recipes and can add required ingredients missing from kitchen straight into shopping list.

SKILLS

Python, Java, C++, SQL, React, TypeScript, HTML, CSS, Figma, Git, Node.js, LaTeX, Cloud Computing (AWS), Problem Solving, Data Structures, Team Collaboration, Communications Skills, English (Native), Cantonese (Intermediate)