

Uzen Huang

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Computer Science student exploring new platforms of computation

Internship

Eccom HK

 July 2024 – Aug 2024  Hong Kong, CN

Eccom HK is a leading networking solutions provider, serving both mainland and international clients.

- Configured and troubleshoot Cisco and Huawei routers, as well as FortiNet firewalls.
- Gained foundational knowledge in networking through CCNA and HCIA materials.
- Participated in a bank office relocation project with logistics and onsite deployment.

Tencent Security Xuanwu Lab

 Jul 2023 – Aug 2023  Beijing, CN

Researched at Xuanwu Lab, a cybersecurity lab focused on identifying the potential vulnerabilities of tomorrow.

- Worked on finetuning a Large Language Model (LLM) for general security tasks such as vulnerability analysis
- Researched attack and defense methods for LLM models on security threats such as prompt injection and prompt leaking
- Developed a LLM powered group chat backend in python as a target for security research

Experiences

Tencent Spark Program

 2021 – 2023  Shenzhen/Beijing, CN

Tencent Spark Program is a selective, hands-on summer camp that provides technical experiences to high school students. The yearly event is week long, hosted over summer break.

- Participated in Tencent Spark Program on the cyber security path as a student in 2021
- Joined as a peer mentors in 2022 for the cyber security path, and a student for the AI Vison path
- Lead fellow peer mentors to organize the AI Security path in 2023

DEF CON CTF 2023

 Aug 2023  Remote

DEF CON CTF is an internationally renowned Capture The Flag (cybersecurity competition) event where selected teams participates over 3 days to solve difficult puzzles.

- Participated in [DEF CON CTF 2023](#) as a member of *P1G BuT S4D*
- Worked on AI specific challenges

Caltech Hackathon 2024

 Apr 2024  Remote

Participated and won the “Caltech Hackathon 2024” Beginner track.

- Developed [VitaPredict](#) with a team of 4
- a Python based web app that predicts risk of skin cancer based on a self trained model

Education

Higher Level

University of Wisconsin Madison

 Sep 2022 – May 2026  Wisconsin, US

- B.S in Computer Science (In Progress).
- Cumulative GPA of 3.7/4.0
 - CS642 Intro to Information Security: A
 - CS537 Intro to Operating Systems: A
 - CS544 Intro to Big Data Systems: A

Kyoto University

 Oct 2025 – Sep 2026  Kyoto, JP

- One year exchange

Skills

- Experienced with Linux (Ubuntu/RHEL/Nix/Arch)
- Experienced with Docker, Proxmox, Caddy, Wireguard
- Familiar with Python, Go, Java, Bash, C
- Familiar with shell such as Fish, Vim, SSH, Grep, Tmux
- Novice in databases such as Sqlite, Cassandra

Projects

Homelab

- Hosted various VMs and containers across geological regions on cloud services and bare metal
- Adept at storage technology with RAID, ZFS, and SMB
- Familiar with Ubuntu and RHEL based operating systems
- Experienced with networking, reverse proxying, remote accessing services via Wireguard, Tailscale, and Caddy
- Managed backup and recovery with snapshot management via Proxmox Backup Server and Restic with s3 buckets

Bloomfield

- Farming game written in JavaScript and Phaser
- Lead a team of 5 student/beginners with varying background
- Finalist for 2025 Games for Change Student Challenge*

Spacetime

- A multiplayer spaceship game
- Made using Godot engine
- Features server side netcode to play online

Interests

- Game design and Programming
- Learning Nix: ([nixvim](#) and [home-manager](#))
- Cyber Security and Natural Language Processing
- Hypervisors and Containers
- Networking
- Computer hardware and building systems

Languages

- Native speaker of English and Chinese
- Learning Japanese and French