

Uzen Huang

@uzen@cookieuz.io @CookieUzen in Uzen Huang

Computer Science student exploring new platforms of computation

Experience

Internship

Tencent Security Xuanwu Lab

Jul 2023 — Aug 2023 Beijing, CN

- Worked on finetuning a LLM for general security tasks
- Researched attack and defense methods for LLM models
- Participated in organizing Tencent Spark Program (summer camp for high school students) as a student mentor
- Written a LLM powered group chat backend in python as a target

DEF CON CTF 2023

P1G BuT S4D

Aug 2023 Remote

- Participated in DEF CON CTF 2023 as a member of P1G BuT S4D
- Continued to participate in CTFs with r3kapiG

Education

In Progress

University of Wisconsin Madison

Sep 2022 — May 2023 Wisconsin, US

- Sophomore student working towards a B.S in Computer Science.
- Cumulative GPA of 3.6/4.0

International Baccalaureate

Shen Wai International School

Sep 2014 — July 2022 Shenzhen, CN

- Graduated IB DP with a Bilingual Diploma
- Score of 40/45 with 4 HL subjects.

Interests

- NeoVim/Arch Linux (dotfiles)
- Cyber Security and Natural Language Processing
- Hypervisors and Containers
- Networking with Bird and Wireguard

Projects

Homelab

- Hosted various service across cloud and bare metal servers.
- Used Proxmox and Docker to manage Nextcloud, Mail, Game Servers, SMB, and a variety of other services
- Experienced with networking and reverse proxying services via Wireguard and Caddy.
- Managed backup and recovery of services via Proxmox Backup Server

Mangascribe

- Work in progress manager for manga written in Go
- Uses Gorm for database management and Gin for API routing

Keyboard Design

- Designed MacroCat and created, a 3D printed numpad
- Assembled and modified crkbd to support bluetooth

LLM Research

- Working on a collection of attack vectors for LLM models

Bad Apple TTY

- A simple terminal video player written in Go
- Uses ANSI escape codes to display video frames processed with OpenCV

Web Notes

- Collection of study notes hosted via Jekyll on GitHub Pages

Skills

- Experienced with Linux command line and system administration
- Experienced with Docker, Proxmox, Caddy, Wireguard
- Familiar with Python, Go, Java, Bash, Vim, LaTeX
- Learning Kubernetes and Bird