Yunpeng Xiong
Curriculum Vitae

Melbourne, VIC — xiongnemo0817@gmail.com — +610468330465 — in/yunpeng-xiong-148886194 — Anzupop
Github@xiongnemo

EDUCATION

Master of Software Engineering @ University of Melbourne   Year of completion: 2025
Specialization: Distributed Computing

Bachelor of Software Engineering @ Tongji University   Year of completion: 2022
Specialization: Mainframe Computing and Networks
Courses: Computer Network, Distributed System, Development of Mainframe Software, SOA and Web Services, Operating System, Algorithms Design and Analysis

EMPLOYMENT

Cyber Security Executor @ Tongji University   2022-2023
Cybersecurity department, Informatization Office
Protect the school from attacks origins external networks.
In charge of Cat Training Force (academic club / team of Tongji University @ Cyber Security), lead the team to participate in the cybersecurity competitions.

NLP Engineer Intern @ SHIHETECH   2022
Backend Algorithm Group
Develop NLP tool for trader and broker which enables them to place an order faster by recognize elements in their speech / text.
Incorporate the core part written in Python into the micro-service governance system.

EXPERIENCE

Projects
`Nedis`
A Python implementation of RESP and server, redis-like toy, aims to be wire compatible with redis.

`bf-interpreter-in-c`
brainfxxk interpreter in pure C (ANSI).

`GameBoy Emulator`
Yet another GameBoy emulator, still a prototype. Now even with joystick support and quick S/L function!

`Hive on Spark, on Docker`
Spark on Hive with Docker.

`SonicLair.Cli`
A terminal music client for subsonic compatible music servers, derived from SonicLair.Net.

* See other projects on Github@xiongnemo.

Awards

- First Prize Winner (Level 3) - Master the Mainframe 2020

Skills
Languages: Python, C#, C, Bash, COBOL / REXX
OS / Ops: Linux, Docker, Ansible
CI / CD: GitHub Actions, Jenkins

CTF Competitions
I have both participated in and mentored CTF competitions hosted from both my school and other bodies.