Oscar Fu

Software Developer

@ night@night0721.xyz
🌐 night0721.xyz
🔑 957D67B8DB7A119B
⌨ night0721
in night0721

About me

Passionate and inquisitive student that is deeply interested Free, Libre and Open Source softwares, Unix-like Operating Systems, using Arch, Alpine and Gentoo Linux. I like using C to write variety of CLI programs, and using TypeScript/JavaScript writing websites. I am always enthusiastic to learning new technologies and eager to strengthen my foundation in software development.

Technical skills

📚 Frameworks

React   Next.js

</> Languages

TypeScript   JavaScript   C
POSIX Shell   Python   HTML   CSS
SQL   Java   Kotlin

🔧 Tools

Linux   Git   OpenSSH   GnuPG
Neovim/Vim   MongoDB   Maven
Gradle   QEMU (PCI passthrough)   Nginx
SQLite

☁ Cloud

Vercel   Netlify

Awards

🏅 UK Intermediate Maths Challenge — Silver
🏅 UK Senior Maths Challenge — Bronze

Education

A Level — Nottingham University Academy of Science and Technology   *Sep 2023 — July 2025*
Maths (A*) · Computer Science (A) · EPQ (A) · Further Maths (B) · Physics (B)

GCSE — Nottingham High School   *Sep 2021 — July 2023*
Computer Science (9) · Further Maths (A) · Maths (9) Physics (9)

Projects

zsm
End-to-end encrypted chat protocol and messaging application with a focus on security and decentralization.

ccc
Fast minimalist TUI file manager written in C, optimized for speed and size.

apm
Lightweight `pass(1)`-style password manager.

Cath
Popular npm package for utility functions — 8000+ downloads.

NXC Host
Next.js web platform providing file hosting, URL shortener, and pastebin services.

NYX (cath.exe)
Discord bot for CODM stats — deployed in 1100+ servers.

Lilase
Minecraft mod for auction flipping — 3000+ downloads.

90s
Minimalist, dependency-free shell with syntax highlighting and customizability.

bob
Binary-only package manager designed for simplicity and portability.

Work Experience

ONYX Insight   *July 2023*
</> Tested Python scripts
⊞ Organized data in Excel

Devtank   *July 2024*
</> Reviewing codebase and made contributions
⊞ Working in Linux environment

Interests

⌘ Building own software
⚙ Optimizing compilers
🐧 Developing in Unix-like systems
🔒 Online privacy & Cryptography