Oscar Fu
Software Developer

Personal Information:

Website: night0721.xyz

Email: night@night0721.xyz

PGP: 8E829D3381CFEBBE

GitHub: night0721

Codeberg: night0721

SourceHut: night0721

LinkedIn: night0721

Skills:

Frameworks: React, Next.js, Express

Languages: TypeScript, JavaScript, C, POSIX Shell, Python, HTML, CSS, SQL, Java, Kotlin, Yaml, JSON

Tools: Linux+coreutils, Git, OpenSSH, GnuPG, Neovim, Vim, Intellij Idea, VS Code, Visual Studio, MongoDB, Make, Maven, Gradle, QEMU(PCI Passthrough)

Cloud: Vercel, Netlify

Awards:

UK Intermediate Maths Challenge
- Silver

UK Senior Maths Challenge
- Bronze

Super-Curriculars:

VEX Robotics Club
UK Bebras Challenge
British Informatics Olympiad
Oxford University Computing Challenge

Interests:

Building own software

Optimizing compilers

Developing in Unix-like systems

Online privacy

Cryptography

Racket Sports: Tennis, Squash, Badminton, Table Tennis(tennis at county level)

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.

Education

A Level (Sep 2023 - Present)
Nottingham University Academy of Science and Technology

Computer Science - A* (Predicted)
Further Maths - A (Predicted)
Maths - A (Predicted)
Physics - B (Predicted)

GCSE (Sep 2021 - July 2023)
Nottingham High School

Computer Science - 9
Further Maths - A
Maths - 9
Physics - 9
Chemistry - 8
Geography - 8
History - 8
Design Technology - 7
Biology - 7
English Literature - 6
English Language - C

Projects

Note - All my project's source code are available on Codeberg

- Cath - npm package for providing useful functions with more than 8000 downloads
- NXC Host - Next.js website to host files, shorten URLs and paste codes
- NYX - Discord Bot for CODM statistics with more than 1100 servers
- Lilase - Minecraft Mod for auction flipping, with more than 3000 downloads
- rush - Minimalist, customizable shell written in C with syntax highlighting
- noted - Minimalist note manager written in C with user friendly features
- ccc - Fast and minimalist file manager written in C aimed for speed

Work Experience

ONYX Insight (July 2022)
- Testing Python Scripts
- Using Excel to organise data