Matthew Townson

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Education

Lancaster University   **Lancaster**
MSci (Hons) with Industrial Placement, Grade pending   *2023–2027*
- Learned C/C++, Java, Python
- Theory of computation
- Processor architecture
- Minor in Mathematics Calculus, Probability, Statistics, and Linear Algebra

Haberdashers' Hatcham College   **London**
A-Levels and GCSEs, GCSEs 9-6, A-Levels A-C   *2017-2023*
- Developed interpersonal skills as part of student prefect team
- Taught at my mathematics revision club for A-Level students

Trinity College of Music (Junior Department)   **London**
Grade 8 Cello (Distinction), Grade 6 Guitar (Merit)   *2009-2023*
- Gained years of musical experience and training
- Learned instruments practically at a high level

Experience

Bamm-Bamm Music   **London**
Audio Engineer Assistant   *2020-2022 (Part-time)*
Worked as a music studio assistant
Skills involved:
○ Working with music artists and session musicians
○ Setting up a studio to record sound
○ Learning to mix and master music

IVFDF 2024 (York)   **York**
Live Audio Engineer   *Feb 2024*
Running live sound at a music festival
Responsibilities:
○ Designing and setting up audio chains
○ Amplifying live sound with fast turnaround
○ Adapting to a less-than-ideal acoustic environment

Miscellaneous

Lectures at Haberdashers Hatcham College
Lecturer   *Oct 2022, Dec 2023, Mar 2024*
Gave various lectures about Maths and Computer Science to students
Helped develop public speaking skills

Lancaster University Orchestra
Conductor   *Jun 2024 - Jun 2025*
Elected conductor of Lancaster University Orchestra (LUO)

Mudchute Park and Farm
Farm volunteer   *2019-2020*
Assisted with various jobs on a city farm

Projects

netter! - live messaging app

Project Lead   *Oct 2022 - present*

Researched for, designed, built and tested a live messaging app

Currently developing into a minimum viable product

Required the use of Git, and documentation tools

Additional skills/experience

Linux user: Familiar with Linux-based systems

Self-Hosted Cloud: I run a storage server, email server, minecraft server and website on my own systems, I have skills related to network and system administration

Conversational Cantonese: Able to converse in Cantonese

Interests

Photography: Architectural and landscape photography are my favourite kinds of photography

Mahjong: I enjoy playing mahjong (Hong Kong style)