

# Matthew Townson

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## Education

### Lancaster University

*Computer Science - MSci (Hons) with Industrial Placement, Grade pending*

**Lancaster - LA1 4YW**

*2023–2027*

- Programmed in C/C++, Java, Python
- Studied the theory of computation
- Studied processor architecture
- Studied a minor in Mathematics - Calculus, Probability, Statistics, and Linear Algebra

### Haberdashers' Hatcham College

*A-Levels and GCSEs, GCSEs 9-6, A-Levels A-C*

**London - SE14 5SF**

*2017–2023*

- Developed interpersonal skills as part of student prefect team
- Established and taught at mathematics revision club for A-Level students

### Trinity College of Music (Junior Department)

*Grade 8 Cello (Distinction), Grade 6 Guitar (Merit)*

**London - SE10 9JF**

*2009–2023*

- Gained a sizeable musical knowledge, including the Theory of Music
- Performed multiple times a year in concerts as a part of the Symphony Orchestra and Choir

## Experience

### Bamm-Bamm Music

*Audio Engineer Assistant*

**London**

*2020–2022 (Part-time)*

- Working with music artists and session musicians
- Setting up studio equipment for recording
- Learning to mix and master music

### IVFDF 2024 (York)

*Live Audio Engineer*

**York**

*Feb 2024*

Running live sound at a music festival

Responsibilities:

- Designing and setting up audio chains
- Amplifying live sound with fast artist turnaround
- Adapting to a less-than-ideal acoustic environment

## Miscellaneous

### Haberdashers' Hatcham College

*Lecturer*

*Oct 2022, Dec 2023, Mar 2024*

Lectured in Maths and Computer Science to students

Developed public speaking skills

### Lancaster University Orchestra

*Cellist*

*Oct 2023 - Present*

Played in various full-length concerts

*Conductor*

*Jun 2024 - Jun 2025*

Elected conductor of Lancaster University Orchestra (LUO)

Responsibilities:

- Conducting the orchestra
- Choosing repertoire
- Communicating with a large group of people

**Mudchute Park and Farm***Farm volunteer**2019-2020*

Assisted with general maintenance works across the farm

**Duke of Edinburgh Award (Bronze)***Candidate**2018-2019*

Completed all required sections for the award

## Projects

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**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

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**Linux User:** Administrator of Linux-based systems

**System Administrator:** Run a storage server, email server, minecraft server and website on own systems, configured networks and administered systems

**Cantonese Speaker:** Able to converse in intermediate-level Cantonese

## Interests

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**Photography:** Architectural and landscape photography

**Mahjong:** Know how to play mahjong (Hong Kong style)