

Personal Details

Name: Zhoukan Wang (Frenkie) **Location:** Dublin 1, Ireland
Mobile: (+353) 083 024 4796 **GitHub:** <https://github.com/FrenkieWang>
Student Email: wang.zhoukan.2022@mumail.ie **Personal Email:** frenkiewang21@gmail.com
LinkedIn: <https://www.linkedin.com/in/frenkie-wang-71ba0a1b5/>
Application Objective: **Maynooth PhD in Computer Science** **Supervisor:** Behnam Faghih

Technical Expertise

4+ years' working experience as a Full-Stack App Developer
3+ years' working experience as a Computer Science Lab Demonstrator at Maynooth University
 Proficiency in **JavaScript, C#, Java, and MySQL**.
1Z0-808 Oracle Certified Java SE Programmer.
 Strong learning ability with high enthusiasm and motivation.
 Adept at embracing new challenges. Excellent interpersonal skills and communication skills.

Professional Skills

Front-end: JavaScript, HTML, CSS, TypeScript, React, JQuery, Axios, Ajax.
Back-end: Java, NodeJS, ExpressJS, C#(.NET), ASP.NET Core Web API, PHP.
Database: MySQL, Postgre SQL, Mongo DB, Firebase, phpMyAdmin.

Education

08/2021 – 10/2022 **H. Dip. Science (Software Development),** Maynooth University
First Class Honour, Rank 2nd in Class.
09/2020 – 10/2021 **MSc. (Information Technology Management),** Institute of Technology, Carlow
First Class Honour

Project Experience

Full Stack Music Application

GitHub Link: <https://github.com/FrenkieWang/Full-Stack-Music-Application>
 Deployment Link: <https://full-stack-music-application.vercel.app/>
[React • Node.js • Express • MySQL • Axios • Vercel]

A **full-stack** music website that allows users to manage artists, albums, and songs with full **CRUD functionality**. Frontend is built with **React Framework**, using **Narbar** to switch **pages** for Artists, Albums, and Songs, including interactive forms with **Axios** and data tables. Backend uses **Node.js** with an **Express server**, which has **RESTful APIs** with separate **controllers** and **routes** connecting to a **MySQL** database. The Database has table includes relational models for artists, albums, and songs with nested JSON references. The project is deployed by **Vercel**.

Work/Internship Experience

10/2022 – 06/2025 Demonstrators and Tutors Maynooth University (Part-Time)

- ✓ Position: **Head Demonstrator** for **CS385 (Mobile Application Development)**
 10/2022 - 12/2022 and 10/2023 - 12/2023 for Peter Mooney (Peter.Mooney@mu.ie)
 10/2024 - 12/2024 for Benjamin Korady (Benjamin.Korady@mu.ie)
- ✓ Position: **Head Demonstrator** for **CS230 (Web Information Processing)**
 03/2025 – 05/2025 for Mark Mc Cormack (mark.mccormack@mu.ie)
- ✓ Position: **Demonstrator** for **CS353C (Team Project)**
 03/2024 – 05/2024 for Ronan Reilly(ronan.reilly@mu.ie)
- ✓ Position: **Voluntary Tutor** for **Computer Science Centre(CSC)**
 04/2024 Free tutorial courses for CS230 Web Information Processing
 12/2024 Free tutorial courses for CS210 Algorithm & Data Structures I
 03/2025 – 05/2025 Provide free tutorial support for Hope Boyle(hope.boyle@mu.ie)

Certification

Oracle Certified Associate 1Z0-808 Java SE 8 Programmer I 293353843OCAJSE8

- ✓ Tough exam with Java Basics, Data Types, Operators, Decision, Arrays, Loop, Constructors, Methods, Encapsulation, Inheritance, Exceptions, Instance, Java API and Lambda Expressions.
- ✓ Certification of high-level skills with foundational understanding as a skilled Java Developer.

Personal Awards

Claddagh Scholarship Award 2020

Contents: The award for Chinese students with a high Duolingo English Test score.

Additional Skills and Hobbies

Street Performance Permit holder in Dublin City Council as a **Guitarist/Singer**.

Rhythm Guitarist in the band – **the Spectrum** (Instagram: [@band_spectrum](https://www.instagram.com/band_spectrum))

Audio Editing: Melodyne

Video Editing: Bandicut, Adobe Premiere Pro.

Full Driving Licence holder, available to work on-site in Europe and business travel.

Referees

Dr Behnam Faghieh

Computer Science, Maynooth International Engineering College, Hamilton Institute

Assistant Professor/Lecturer

Email: Behnam.Faghieh@mu.ie