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Michael Wiciak

Software Engineering

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Aspiring software engineer with experience in leadership, business management, user interaction, and project management, complemented by strong academic achievements.

Education

MEng/BSc Computer Science with Artificial Intelligence (09/2021 - 06/2025)
University of Leeds - *First Class / 4.00 GPA (Expected)*
- Dissertation: "Investigating Transformer models for code completion using Masked Language Modelling and domain-specific fine-tuning. Focused on CodeBERT-base and UniXCoder-base, highlighting accuracy and speed in multi-language code prediction, providing insights for enhancing developer productivity." Achieved a First-Class mark.
- Module grades: 96% Object Oriented Programming, 95% Computer Processors, 86% Artificial Intelligence, 83% Machine Learning, 95% Discrete Mathematics, 84% User Interfaces, 82% Software Engineering Project.

The Grammar School at Leeds (09/2019 - 06/2021)
A-levels: A*A*AA in Computer Science, Mathematics, Economics, and Extended Project Qualification

Work Experience

Co-Founder **- TimetableX** (10/2022 - Present)
- Developed and launched TimetableX (Business Number: 15186230), a scheduler and management app aimed at helping students optimize their learning. The app has attracted 200 users, with approximately 50 daily active users. While currently a passion project due to economic sustainability challenges, the company also created Sports Booker, a sports facility booking platform and works for individual website projects for clients.

Car Engineering Tutor - TechCamp (07/2022 - 08/2024)
- Designed and led a course on Car Engineering. Tasks included soldering and assembling a custom Tamiya RC Car and programming two PCBs: one managing the display (steering wheel) and the other handling custom signal transmissions to the servo/motor for specialized movements. Used C and C++ for Arduino programming.

Research Analyst – **Edge Analytics** (06/2022 - 03/2023)
- Managed geocoding and the Consortium Database. Conducted research to obtain missing information from

Courses

Machine Learning – *Stanford Online* (ID: 37CUBRF9V95Y) (Issued 08/2021)
- An 11-week course taught by Andrew Ng, covering supervised and unsupervised learning, neural networks, and best practices in machine learning. Used MATLAB and Python.

Cryptography – *Stanford Online* (ID: YYJPBKBMXYGY) (Issued 09/2021)
- An 11-week course taught by Dan Boneh, covering encryption, digital signatures, public-key cryptography, and security protocols. Used Python

Microsoft Certified: Azure AI Fundamentals – *Microsoft* (ID: XeUv-XMpE) (Issued 06/2024)
- A 6-month course on core AI concepts, machine learning, natural language processing, and deploying AI solutions using Azure. Used Python.

Microsoft Certified: Azure Fundamentals – *Microsoft* (ID: wbd2V-Fa44) (Issued 06/2024)
- A 6-month course covering Azure cloud services, core cloud concepts, and cost management in cloud computing. Used Python.

Circl Leader As Coach – *Circl in partnership with Dice* (Issued 03/2024)
- A leadership course focused on mentorship, coaching, and empowering people, taught by Ronke Kokoruwe.

Active Projects (with active users)

Sports Booker – *sportsbooker.timetablex.com*
- Facilitated so far over six thousand automated bookings of Badminton court at The Edge Gym in Leeds, serving the Leeds Community Badminton Association (LCBA) and Leeds Malaysian Badminton. Uses Cron jobs for scheduled bookings, with bots leveraging Chromium to bypass the outdated booking UI, enabling mass bookings and cancellations—crucial for club management. Demo Video
- As President of LCBA (2024/2025), responsibilities include advertising, social media management (primarily on WeChat), poster creation, member database oversight, and managing payments.

TimetableX – *timetablex.com* Demo Video. Coded in Typescript and React, with some python scripts.

DirectDStress Website - A work-in-progress client project focusing on modernising their rehabilitation business website. Demo Video

Proficient in Python, C, C++, Java, TypeScript/JavaScript, Bash, and MATLAB, used across various public GitHub projects.