



## PROFILE

A **Computing graduate** specialising in **machine learning** and **software development**, with proficiency in **Python, Java, and C/C++**. Developed a **golf swing classification system** using **sensor data and ensemble learning**, achieving **96.6% accuracy** in swing phase detection. Integrated a **3D kinematic visualisation tool** for golf swing analysis, enabling detailed motion tracking. Emphasis on **scalable architecture, optimised algorithms**, and **clean, maintainable code** for data-driven applications. Continuously expanding expertise in **deep learning and cloud-based deployment** through independent projects.

## HOBBIES AND INTERESTS

Hardware Tinkering  
Attempting HackerRank questions  
Attempting TryHackMe questions  
Playing chess

Exploring Emerging Technologies and Frameworks  
Cloud Security and Identity Management (Azure RBAC)  
Automated Testing

## CONTACT DETAILS

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British Citizen: No work visa required

# KEVIN KA LOK LIU

## EDUCATION

**University of Exeter**

**2021-2024**

**BSc Hons Computing**

**Class 2 Division 1**

Core Modules: Learning from Data, Software Development, Web Development, Network and Computer Security, Group Software Engineering Project, Enterprise Computing, Database Theory and Design

**Chepstow Comprehensive School**

**2014-2019**

**A Levels:**

Physics (A), Computer Science (A), Mathematics (B), Welsh Baccalaureate (A)

**GCSE:**

Double Science (AB), Mathematics (AA), English (CC), Welsh Baccalaureate (A), Business (B), Information Technology (A), Welsh (C), Product Design (B), Chinese (A\*)

## EXPERIENCE

**StreathamGo Group Project**

A gamified web app created to enhance student participation in sustainability initiatives at the University of Exeter. Featuring interactive minigames and a competitive leaderboard, the platform encourages eco-friendly engagement across campus.

**Number of Developers: 6**

**Coding Language: Python, HTML, CSS, JavaScript**

**Grade Achieved: 70%**

**Dissertation Project**

A data-driven project using Machine Learning models to categorise golf swings, combining raw sensor data, statistical analysis, and user-friendly visualisation.

**Number of Developers: 1**

**Coding Languages: Python**

**Grade Achieved: 64%**

## SKILLS

- Back End: **Python, Java, C, C++, C#, PHP, SQL**
- Front End: **HTML, CSS, JavaScript (JS)**
- Scrum, Agile, SDLC
- Teamwork and Collaboration
- Attention to detail
- Time Management