**Kyle Keene-Welch**

**Fitzroy Court, Vicarage Street, Luton, LU1 3FA**

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**Portfolio** <https://kylekeenewelch.github.io/my-site/portfolio.html>

**LinkedIn** <https://www.linkedin.com/in/kyle-keene-welch-741273227/>

**Profile**

Technically competent, logical, and analytical undergraduate who has hands-on experience in Software Engineering. A person who has a strong willingness to learn and apply theoretical knowledge in the professional world of work. Now seeking relevant work experience opportunities whilst studying and during the vacation periods.

**Education**

**University Of Bedfordshire, Luton September 2021- July 2024**

[**Software Engineering BSc (Hons)**](https://www.beds.ac.uk/howtoapply/courses/undergraduate/next-year/software-engineering/) **– Projected First Class Honors**

**Modules Covered:** *Fundamentals of Software Engineering; Mathematics and Concepts for Computational Thinking; Databases and Computer Networks; Principles of Programming and Data Structures, Mobile Application Development, Desktop Applications Development and Software Engineering, Decision Support Systems and Data Mining, Web Technologies and Platforms, Software for Enterprise, Research Methodologies and Emerging Technologies, Agile Project Management, Undergraduate Project.*

**Bedford College, Bedford September 2019 – July 2021**

[**BTEC Extended Diploma in IT**](https://bedfordcollegegroup.ac.uk/courses/computing-advanced-level-3-f103/) **- Achieved: A\*A\*A\***

**Modules Covered:** *Communication and Employability; Computer Systems; Computer Networks; IT Systems Repair and Troubleshooting; Programming Paradigms; Database Design; Networked System Security; Information Systems; Software Design and Development; Systems Analysis and Design; IT Technical Support; Client-Side Customization of Webpages; Developing Computer Games; Digital Graphics; Spreadsheet Modelling.*

**Bedford Academy, Bedford September 2014 - July 2019**

[**GCSE and BTEC**](https://www.bedfordacademy.co.uk/)

**Qualifications:** *Mathematics (A); English Literature (A); English Language (B) ; Triple Science (A\*); Computer Science (A); Media (A\*); History (A\*); Construction (A); BTEC Sport (A\*); Graphics (B); Business (A\*)*

**Technical Experience**

[**The Odin Project**](https://www.theodinproject.com/) **–** Following the teaching and development projects from an open-source community that takes you from zero to a full-stack developer. Projects can be found on my [portfolio](https://kylekeenewelch.github.io/my-site/portfolio.html).

**First and Second Year Projects** – Range from building a machine learning model from a large dataset and performing data analysis, the emulation of an elevator in the .NET environment, creation of a web application utilizing Python’s Django framework, building complex data structures with SQL and SQLite, MySQL.

**Undergraduate Project** – Currently undertaking. Involves the solutions to user-related problems in real-world business applications. Example applications are created through the MERN stack and decoupled to the Event Sourcing CQRS solution. Evaluations of user experience, performance and scalability are made with links to the initial problems.

**Programming Languages -** *HTML, CSS, JavaScript, C#, Java, Python, Dart, PHP, SQL.*

**Skills**

**Frameworks and Libraries -** *Express.js, .NET, Flutter, Django, React, Entity Framework.*

**Tools and Technologies -** *SQLite, MySQL, MongoDB, Webpack, VSCode, GitHub, Babel, RESTful APIs, Android Studio.*

**Soft Skills –** *Communication, Teamwork, Time Management, Empathy, Critical Thinking, Problem Solving.*

**Other Commercial Experience**

**Customer Assistant – Student Contract**

Tesco Extra, Cardington Road, Bedford, MK42 0BG, December 2020 – Present

**Achievements**

**Representing 2nd Year CST students in a BCS event (30th March 2023) –** Took part in formal meeting with BCS officials as representative of second year students for the school of computing. Event was part of the BCS university accreditation process to verify the suitability and industry standard of technical degrees.

**BCS Bedford Branch University Of Bedfordshire Best Performing Level 4 Student (2021-2022)** – Nominated for highest performing and awarded by accredited body. Reflected on produced grades and attitude to learning.

**2nd Place Internal Competition for Website Customization (10th May 2021)** – Sponsored by CNF IT Solutions and Services. Competition using suitable tools and techniques to develop a web page under a short time frame according to a given specification.

**Award for Outstanding Achievement BTEC Level 3 Extended Diploma in IT** **(18th November 2021)** – Nominated award for excellence in the duration of the course and representing good practice in the department.

**Interests and Hobbies**

**Gym** - Going to the gym as a hobby is part of my lifestyle which came about due to the personal need to work on my fitness and improve my confidence. This eventually led to building upon several areas and meeting fitness objectives of which I constantly updated to the point where I am now.

**Video Games** – Video games are a great way to spend your time when on a recharge after doing some work or as a social activity with some friends. Depending on the game, you can receive several different benefits such as feelings of excitement or thrill, accomplishment and satisfaction, problem solving skills and creativity, and social interaction and cooperation.

**Supporting Others** - I would like to say that supporting others is a best interest of mine that I partake in whether that be technically with my classmates or associates or in general with my friends and those I am in close relationships with.

**Social Leisure –** Listening to music is a great way to produce several feelings and take part in various cultures. It can be played to heighten the mood and energize or dampen and chill. The variety of music mediums and genres allows a listener to customize their own playing experience and can combine music from diverse sources. Similarly, listening to podcasts allow me to interpret the opinions and ideas from a range of backgrounds on several academic and technological topics. As a listener I can take on an objective view to base my own thoughts and opinions on controversial topics and can consume the media as an entertaining pastime.

**References**

**References Available Upon Request**