KEVIN CEN

 kevcen.com • ✉ hi@kevcen.com • in linkedin.com/in/kevcen • github.com/kevcen • ☎ +44 7944013110

EDUCATION

Imperial College London – London, UK   September 2019 – Present
BEng Computing
- First Year: 84.1% overall including 91% Java. (First Class - **Dean's List**)
- Second Year: 82.5% overall including 94% Software Engineering Design (First Class - **Dean's List**)

Prior Pursglove College – Guisborough, UK   September 2017 – June 2019
A Levels
- **4A*s** in Computer Science, Maths, Further Maths, Physics.
- Ranked **1st** academically out of **522** students taking A-Level in the college.

EXPERIENCE

Facebook – London, UK   July 2021 – September 2021
Software Engineering Intern
- Worked on WhatsApp Consumer iOS team to implement VoIP front-end features unique to iPad.
- Implemented voice call minimization to a floating window with calling controls for iPad.
- Experience gained: Git, Objective-C, XCode

Computer ConQuest – Shangton, UK   August 2020 – October 2020
Software Development Intern
- Worked full-stack, implementing crucial owned property mortgage calculations and heavily redesigning the web-app's front end for the Brickflow project.
- Experience gained: Git, TypeScript, C#, SASS, AngularJS, HTML.

PROJECTS

Out of the Box   May 2021 – Jul 2021
- Built a mobile gifting web-app, with interest-based suggestions, private wishlists and bill splitting.
- Human-centred design using rapid iteration (vertical slice development) with focus on stakeholder feedback.
- Skills: React Native, Typescript, Sequelize (PostgreSQL), Git.

visuAlgorithm – GitHub   Jun 2020 – Jul 2020
- Created an algorithm visualiser of 13 different algorithms including: A* pathfinding, Quicksort, Depth and Breadth First Searches, Prim's and Kruskal's maze generation, etc.
- Used JUnit to implement unit tests such as testing if heuristics are consistent.
- Skills: Java, JUnit, CSS, Gradle, Git

ARM11 Group Project – GitHub   May 2020 – Jun 2020
- Built an ARM11 assembler and emulator.
- Led a team to build an audio waveform using FFTW and SDL that is displayed on an LED matrix.
- Skills: C, Git, Raspberry Pi.

iMProve – GitHub   Dec 2018 – Mar 2019
- Built a music theory study system including flashcards, adaptive music theory testing and graphs of scores.
- Currently in use by former piano teacher and her young students.
- Skills: Java, CSS, SQL (using MS Access).

AWARDS

Dean's List I, II   Aug 2020
- Top 10% academic results in 1st and 2nd year.

Best Entertainment Hack (2nd Place) – GitHub   Feb 2020
- Led a team of 5 freshers to build a Department of Computing themed escape-shooter game.
- IC Hack 2020 - Largest student run hackathon in the UK.

UKMT Senior Maths Challenge   Dec 2018
- Best-in-College, Best-in-Year, Gold Certificates.

VOLUNTEER WORK

- Assisted and tended to 5-10 elderly residents weekly in Roseberry Court Care Home.   Dec 2017 – Feb 2018
- Led a group of 15 students to fundraise and refurbish Redcar Guides Hall.   Jul 2017 – Sep 2017
- Organised and planned events for 25k Youth Centre for 20-30 children every week.   Apr 2016 – Sep 2017