David Nentwig

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EDUCATION

University College London (UCL) - BSc Computer Science   *2021 – Present*
Expected Grade: First Class Honours

St David's Sixth Form College (Honours Student)   *2018 – 2021*
A Levels (Mathematics, Computer Science, Psychology, German, Honours Program) A*, A*, A, A, Distinction
GCSEs: 1 A*, 8 As, 3 B's

AWARDS

The National Indoor Climbing Achievement Scheme - NICAS, Level 4, Lead Climber   *2014-2020*
• In recognition of being a self-motivated climber, with a highly skilled and varied range of skillsets.
• Qualifies me to instruct NICAS bouldering sessions.

Royal Welsh College of Music and Drama - Young Actors Studio Certification   *2015-2019*
• Awarded upon the completion of 4 years of training at the RWCMD.

Royal College of Music - Piano Award, Grade 3 Distinction   *2013-2015*
• Demonstrates good understanding of theory and an ability to play intermediate to advanced pieces.

EXPERIENCE

Young at Heart Forever (Charity) - Rock UK Summit Centre   *2018-2021*
Technology Workshop Instructor   *Trelewis, Wales*
• Assisted elderly community members with setting up and operating their personal technological devices.
• Oversaw centre operations through participation in leadership board meetings, with broader aims of
  maintaining an active elderly community during the pandemic.

Welsh Water Resources   *2017*
Engineers Office Assistant   *Cardiff, Wales*
• Oversaw and planned the implementation of CAD software within Welsh piping networks.
• Assisted in determining the usage viability of Brecon Beacons reservoirs with respect to their volume capacities.

PROJECTS

MotionInput - UCL Systems Engineering Project with Intel, IBM and Microsoft   *2022-2023*
Primary Web Developer   *London, UK*
• Brought team members' meeting ideas to life through coding.
• Created, maintained and hosted the website through my role as primary web developer.
• Maintained the project blog, documenting research findings such as the system's fundamental workings.

JavaTerminal - UCL Learning Tool Project   *2022-2023*
Software Engineer   *London, UK*
• Worked as a team to develop a terminal (BASH) learning tool, allowing users to experiment within a docker-
  enhanced bash learning environment, wherein personal files remain unaltered.
• Wrote all commands (echo, cut, grep, etc.) from scratch and ensured their functioning through case testing.

Personal Website - https://nentwigd.co.uk   *2017-Present*
Full Stack Developer   *London, UK*
• Code and maintain my personal website, which will include past completed programming projects.
• Run the website via GitHub pages, which is redirected via DNS from my personal domain.

General Personal Projects: https://github.com/D-NENTWIG

SKILLS

Languages: English (Native), German (Native), Welsh (Beginner), French (Beginner)

Programming Languages: Python, Java, C, CSS, React, HTML5, BASH, ZSH and Git
Some experience with Unity and Swift.

IT: Microsoft Office (Word, Powerpoint, Excel), iWork (Pages, Keynote)