Zac Hadjineophytou

Website link: zac-h.co.uk
GitHub link: github.com/zacdevil10

A young, energetic, self-employed software developer with three years of experience looking to lend my skills to a team. I take great pride in my thorough approach and work ethic. I always see a project through to the end and make sure my customer is satisfied with my work. I am very social and enjoy working constructively with people. I am confident in the standard of work I produce.

SpaceX - Launch Tracker *(August 2019 - Present)*
- A passion project born out of a fascination for space and rockets, my unofficial SpaceX app has enabled 4500 fellow enthusiasts to track launch data and activity at the click of a button. Available on Google Play.
- Written in Kotlin and uses the MVP pattern. Designed the user interface.
- Powered by r/SpaceX, Twitter & Reddit APIs; uses an in-house MediaRecyclerView library.

GeoShare *(January 2016 - August 2018)*
- An experimental project that provided me with a solid educational experience in Java and Kotlin. GeoShare allows the user to share their location in real-time using Firebase.
- Final version written in Kotlin and uses the MVP pattern. Designed the user interface.
- Later created Geoshare Web (October 2017) using HTML, CSS and JavaScript.

IET Innovation Award *(2015)*
- Won the award for the construction of a prototype home automation system as part of the 'Raspberry Pi Bake Off' competition, run by the University of Hertfordshire.

Miscellaneous projects
- Portfolio Website (*ongoing)*: my own business website (using HTML, CSS and JavaScript)
- Leap Motion Touch Screen (*ongoing*): uses Leap Motion technology (3D hand tracking) to create touch screen capabilities based on spatial coordinates.
- ZPad (*ongoing*): python-based version of Windows Notepad.

Education
2010-2017 - Dame Alice Owen's School
- 3 A Levels: Music, Maths and Physics; 11 GCSEs: Maths, English, Computer Science
- Founded and led The Raspberry Pi Club, teaching members electronics/computer skills.
- Member of Tech Crew; assisted with sound, lighting and staging for school productions
- Created a dedicated school news app for use by parents and students.
- Active member of the music department, performing in concerts.

2008-2017 - Royal Academy of Music, Junior Department
- Distinction in ARSM Diploma (Recorder Performance)
- Performed in the 'Recorder All Star Gala' as part of professional ensemble 'Zero Gravity'.

Work Experience *(CGI Group Inc., 2014)*
- Opportunity in an IT and business consulting service. Provided me with invaluable knowledge regarding business models, custom ordering and client-facing roles.

In my spare time I enjoy making music with family and friends, researching astronomy and trying my hand at astrophotography. I enjoy coding both solo and with others and over the Christmas period I participated in the problem-solving challenge, Advent of Code.

Technical Skills
Strong*:* Kotlin; Android; Java | **Knowledgeable***:* Python; Web (HTML, CSS, JavaScript); GitHub; Firebase | **In progress***:* Android Jetpack (Room, Navigation component)