

Callum Houghton

Web and Mobile Software Developer. Working mostly remote.

[Email](#) | [Portfolio](#) | [GitHub](#)

Currently	Developing GIS focused web and mobile applications for KOREC Mapping, mostly within the .NET ecosystem.
Location	Liverpool, United Kingdom.
Skills	C# - .NET, Xamarin Forms, Blazor, ASP.NET. Kotlin - Android, Multiplatform Mobile. JavaScript - ReactJS, Node.js, TypeScript (preferred). Python - Django, Flask.
Data Access	SQLite - Mobile applications. PostgreSQL - Web applications, with the PostGIS extension. EntityFramework Core .
Specialized in	Designing applications from the ground up, with a fair amount of independence, using the .NET ecosystem. Mostly experienced in Using Xamarin Forms and Kotlin Multiplatform Mobile.
Interests	Self-hosting applications . Novel applications of Augmented Reality and Internet of Things. Learning new languages, frameworks, and programming paradigms to better develop future applications.
Employment	<div><div>Mobile Applications Developer, KOREC Mapping</div><div>2020-Current</div><div>Continue adding new functionality to K-Mobile X, a Xamarin Forms cross platform GIS orientated data capture mobile application. Developing K-AR, an augmented reality GIS data visualisation Android application that integrates with K-Mobile X. Using modern Android, ARCore, Google Filament, and Kotlin.</div></div> <div><div>Research Software Engineer, STFC</div><div>2019-2020</div><div>Worked on a medical aftercare application using AI to automate and drive patient aftercare check ups. The application consisted of a React.js frontend and a Node.js with Express backend.</div></div> <div><div>Junior Software Developer, KOREC Mapping</div><div>2018-2019</div><div>Aided in Developing a cross-platform GIS data capture application using C# Xamarin Forms. Developed a report generation application that is integrated into one of their web applications that automates different styles of XLSX reports.</div></div>
Education	<div><div>The University of Liverpool</div><div>2015-2018</div><div>BSc Chemistry (2:1)</div></div> <div><div>The Sutton Academy</div><div>2013-2015</div><div>Physics (B), Chemistry (B), ICT (Distinction Star)</div></div>