Jonathan Clare

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Web https://jonathanclare.github.io/
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Date of Birth 03/11/74
Nationality British

I currently work at GeoWise Ltd as a senior developer, designing and developing highly interactive, data rich web apps with a focus on visualisation and mapping. I have over 20 years experience working in the GIS and Web Development fields. For examples of my work please see my webpage at https://jonathanclare.github.io/

Proficient in

Coding React, React Router, Redux, JavaScript, JSON, Web App Development, Electron, Grunt, JQuery, Handlebars, Object Oriented Design
Web HTML, CSS, LESS, SASS, Responsive Design, Flexbox, Bootstrap
Data Visualisation SVG, HTML5 Canvas
GIS ArcGIS JavaScript API, ArcGIS REST API, Google Maps JavaScript API
Source Control GitHub, Microsoft Team Foundation Server
Image Editors GIMP

Prior experience working in

Coding Java, JSP, ASP, XML, XSL
Data Visualisation ActionScript, Flex, Tcl/Tk
GIS ArcInfo, ARC Macro Language, ArcView, Avenue, ArcIMS, Idrisi
Relational database design and development SQL, Access

Employment

11/01 - present *Senior Developer*, GeoWise Ltd
I design and develop web apps and pages which generally focus on data visualization and mapping.

09/00 - 11/01 *GIS Officer*, Forest Research
I supported a number of projects, within the Woodland Ecology Branch, by providing both GIS and programming expertise. The work involved developing new GIS applications and manipulating environmental datasets to apply models of ecological site classification, landscape ecology, biodiversity and wildlife use to forests in Britain.

02/99 - 09/00 *GIS Officer*, <u>Scottish Wildlife Trust</u>

I was responsible for the implementation and development of a new GIS system to map and record information about Wildlife Sites throughout Scotland.

09/98 - 02/99 *GIS Developer*, <u>Mapix Technologies Ltd</u>

I developed a GIS application to process and package hydrographic data sets.

Education

1997 – 1998 *University of Leicester*, **MSc in GIS**

1995 – 1996 *Queens University, Canada*, 1yr Exchange Programme

1993 – 1997 *University of Glasgow*, **BSc in Geography 2:1 with Honours**

1986 – 1993 *Cowley High School*, St. Helens