

Jonathan Clare

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Date of Birth **03/11/74**
Nationality **British**

Currently working at Geowise, I design and develop web apps and pages which generally focus on or are related to data visualization 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

Javascript, JSON, HTML, CSS, LESS, Responsive Design, Flexbox, Web App Development, Electron, Grunt, Bootstrap, JQuery

Data Visualization

SVG, HTML5 Canvas

GIS

ArcGIS JavaScript API, ArcGIS REST API, Google Maps JavaScript API

Source Control

GitHub, Microsoft Team Foundation Server

Image Editors

GIMP

Worked in

Coding

Java, Object Oriented Design, JSP, ASP, XML, XSL

Data Visualization

ActionScript, Flex, Tcl/Tk

GIS

ArcInfo, ARC Macro Language, ArcView, Avenue, ArcIMS, Idrisi

Relational database design and development

Access

Employment

11/01 - present *Senior Developer, GeoWise Ltd*

I design and develop web apps and web pages which generally focus on or are related to 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, Scottish Wildlife Trust*

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, Mapix Technologies Ltd*

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*

Interests

I've been a member of the Edinburgh Ski Club since 2003 and love to snowboard in both Scotland and The Alps.

I took up kitesurfing in 2005 (after hanging up my rugby boots). I was a founder member of the Fife & Edinburgh Kitesurf Club. I'm usually found at Longniddry or Gullane, with the occasional trip further afield to places such as Tiree, The Red Sea, Turkey and Tarifa.

I enjoy walking and finding new places around Edinburgh and during my lunch breaks can often be found rambling around Arthurs Seat.

When not walking I'm usually cycling. I commute by bike. I've mountain biked all over Scotland but still love to get back to Glentworth whenever I can.