



## Sonia Hiltner

 Web developer

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 <https://portfolio-agcj.onrender.com>

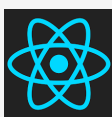
## Education

- Degree in Economics from the University of Santiago de Compostela in 1994.
- IT Suport Specialist at Coursera
- [FreeCodeCamp Curriculum](#):
  - Responsive Web Design
  - JavaScript Algorithms and Data Structures
  - Front End Developments Libraries
  - Data Visualization
  - Relational Database
  - Back End Development and APIs
  - Quality Assurance
  - Scientific Computing with Python

## Work Experience

- Market Research Consultant
- Social Assistant
- Gardener

## Skills



## Projects

### My Personal Projects

#### My Personal Library Application

Application for a personal library.  
Fullstack application made with Nodejs, Mongoose and Express.

#### Photo album Application

This is a photo album application where you can upload your images, organize them into albums and save them in the cloud.  
Fullstack application made with React, Nodejs, Mongoose and Express.

#### Food Planner Application

Application to help you plan meals and make the shopping list.  
Project made with HTML, Sass and Javascript and using TheMealDB API.

#### Sequence Memory Game

Memory game that consists of repeating a sequence of numbers, with different levels of difficulty.  
Project made with React and Bootstrap

#### Books Shop Application

E-commerce application for a bookstore  
Project made with React

### My FreeCodeCamp Projects

#### [Responsive Web Design Certificate](#)

As part of this certification, I built the following projects:

A **Survey Form**, a **Tribute Page**, a **Technical Documentation Page**, a **Product Landing Page** and a **Personal Portfolio Page** while learning HTML and CSS and how to make responsives webpages.

#### [JavaScript Algorithms and Data Structures](#)

As part of this certification, I built the following projects:

A **Palindrome Checker**, a **Roman Numeral Converter**, a **Caesars Cipher**, a **Telephone Number Validator** and a **Cash Register** while learning Javascript.

#### [Front End Development Libraries](#)

As part of this certification, I built the following projects:

A **Random Quote Machine**, a **Markdown Preview**, a **Drum Machine**, a **JavaScript Calculator** and a **25 + 5 Clock** while learning **Bootstrap**, to design responsive web pages and applications, **Sass**, to extend the features of CSS and **React** and **Redux**, to create powerful Single Page Applications .

#### [Data Visualization](#)

As part of this certification, I built the following projects:

A **Bar Chart**, a **Scatterplot Graph**, a **Choropleth Map**, a **Heat Map** and a **Treemap Diagram** while learning **D3.js**, to create dynamic and interactive data visualizations in the browser.

#### [Relational Database](#)

As part of this certification, I built the following projects:

A **Celestial Bodies Database**, a **World Cup Database**, a **Salon Appointment Scheduler**, a **Periodic Table Database** and a **Number Guessing Game** while learning how to create and use a relational database with PostgreSQL, a database management system, and SQL, the language of these databases.

#### [Back End Development and APIs](#)

As part of this certification, I built the following projects:

A **Timestamp Microservice**, a **Request Header Parser Microservice**, a **URL Shortener Microservice**, a **Exercise Tracker** and a **File Metadata Microservice** while learning how to write back end applications with Node.js and npm, and how to build web applications with the Express Framework, MongoDB and the Mongoose Library.

#### [Quality Assurance](#)

As part of this certification, I built the following projects:

A **Metric-Imperial Converter**, a **Issue Tracker**, a **Personal Library**, a **Sudoku Solver** and a **American British Translator** while learning how to write tests with **Chai**, advanced **Node** and **Express** concepts, how to use template engines as **Pug**, **Passport** for authentication, and **Socket.io** for real-time communication between the server and connected clients.

#### [Scientific Computing with Python](#)

As part of this certification, I built the following projects:

A **Arithmetic Formatter**, a **Time Calculator**, a **Budget App**, a **Polygon Area Calculator** and a **Probability Calculator** while learning Python.