Christopher Norman

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Education

University of Bristol, Bristol   **September 2015 – July 2018**
BSc Physics (Upper Second-Class Honours)

Sparta Global C# Developer Training Academy   **June 2020 – September 2020**
12-week remote training course focused on developing both technical and collaborative skills, including:
- Business skills and Agile development with Scrum
- Git and GitHub
- Microsoft SQL Server and SQLite
- Object oriented programming with C# and SOLID principles
- .NET Core frameworks, including Entity Framework, Linq, and NUnit
- Web technologies, including HTML, CSS, JavaScript
- Modern Web Development with ASP.NET web forms and ASP.NET MVC
- Group project collaboration, using Jira and Github project boards

Coding Projects

Sparta Global Profile Portal
GitHub Link
A collaborative project to create a web portal with my training team at Sparta Global for our final project. The portal allows current Sparta trainees and consultants to log into their personal account to create, view, and update their personal profiles, and allows prospective Sparta clients to log in to a temporary client account in order to browse through a selection of profiles.
- The application was created using the **ASP.NET Core MVC** framework, with **Entity Framework** used to create the database
- Secure user authentication has been implemented with login verification and password hashing.
- The **MailKit** library is used to send automatic email invites are sent to new users when they are added to the portal
- Multiple user types have been integrated with varying access levels and permissions
   - Student user types are allocated a profile to which they can upload a profile photo and video (which were hosted in an **AWS** bucket and displayed on their profile), and fill in information for their work history, education history, projects etc
   - Client user types can log in and browse pre-approved profiles of available students
   - Staff and resource manager user types have the ability to view all student profiles and approve completed profiles to make them accessible for viewing by clients
   - Admin users have the ability to add and remove users and change permission levels of existing accounts
- **Bootstrap** and **CSS** have been utilized for website styling, while **C# Razor syntax** is used to provide functionality to the front end
- The project was hosted on **Microsoft Azure** and the group collaborated via **GitHub** and used **Jira** to track the project and sprint backlog

Octoplayer
GitHub Link
A dark theme music player for browsing and playing tracks from an offline music library.
- The application was created using Microsoft's **WPF** framework using an **MVVM** design pattern.
- The user interface was created using **XAML** with Custom **Data and Control Templates**.
- File metadata can be imported from audio files utilising the open-source **TagLibSharp** library, which is then used to organise files for browsing and searching.
- Library data is saved and loaded by the program between sessions by saving data to an **XML** file.
- Library folders can be selected using a custom **file tree viewer**.
This project is a work in progress, with many features planned, including playlist features, theme customisation, and a smart shuffle system.

Work History

Norvett Electronics (UK) LLP, Alfriston, East Sussex   **November 2018 – Present**
Clerical Worker

I currently work in the office of a small family business, performing clerical tasks and assisting with business operations. Responsibilities include:
- Maintaining the general ledger
- Supplying estimates and electrical certificates to customers
- Receiving phone calls to the office and assisting clients

The Smugglers Inn, Alfriston, East Sussex   **January 2020 – June 2020**
Bar Staff   **& June 2018 – November 2018**

I was part of a very small team running a local pub and inn to provide a friendly and welcoming environment for the patrons. I was a keyholder, and was responsible for the pub and its patrons during my shifts. Responsibilities included:
- Working on the bar to serve drinks and take orders
- Waiting on guests; running food and clearing tables
- Checking patrons in to the inn and showing them to their rooms
- Opening the inn in the morning, cleaning the bathrooms, restaurant and bar
- Closing the inn in the evening, cashing up, packing down the restaurant and bar, and locking the doors

Mongolie Grill, Whistler, BC, Canada   **June 2018 – September 2018**
Griller

I worked in a high pressure, fast paced kitchen environment, preparing and cooking Asian cuisine in front of customers on a large front of house hot plate, interacting with guests while ensuring food was cooked satisfactorily. Responsibilities included:
- Operating the hotplate; receiving, weighing, grilling, and presenting the customers food
- Establishing a fun and welcoming environment for guests and making them feel looked after

Coca Cola Tube Park, Whistler Blackcomb, Whistler, BC, Canada   **December 2018 – April 2019**
Tube Park Attendant

I worked with a team to ensure the safe and efficient operation of the Tube Park, keeping guests safe while providing a fun and fulfilling experience. Responsibilities included:
- Operating the lift and validating tickets
- General upkeep of the park: snow shovelling, gritting walkways, and maintaining the structure of the tubing lanes

Interests

- **Music** – Music is one of my greatest passions in life, I surround myself with music whenever possible, I love to both listen, and to play, whether that's on the piano, the drums, or on record decks.
- **Travel** – In 2018/19 I spent a year living in Whistler, BC, in Canada, where I spent my free time skiing, biking, hiking and exploring the surrounding area.
- **Sport** – I love outdoor sports of all kinds, but I am particularly fond of skiing, running, climbing, and skating.