

Stuart Norman | Web Developer

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Education

Web Programming BSc (Hons) | University of Huddersfield

2020 - 2024

First Class Honours

Including: Web Development: **A** Final Year Project: **A** Databases: **A**
Node.js Development: **A** Front-End Web Development: **A** Visual Design: **A**

Functional Skills Maths Level 2 | Scarborough Adult Learning

Pass

2019 - 2020

BTEC Level 3 Extended Diploma in Art and Design | Scarborough TEC, formerly Yorkshire Coast College

2010 - 2012

Distinction* Distinction* Distinction (D* D* D)

Including: Web Design: **D** Web 2D Animation: **D** Graphic Design: **D**

GCSE's | St Augustine's RC Secondary School, Scarborough

2010

3x A's, 3x B's, 3x C's, 1x D

Including: Applied ICT Art English Maths

Achievements

Achieved two prestigious awards | University of Huddersfield

2024

- Best Overall Performance on the Final Year Project in Web and Information Systems
- The Departmental Prize for the best Web and Information Systems Student

Developed *Laravel Valet Windows 3 CLI*

2023 - Present

🔗 [yCodeTech/valet-windows](https://github.com/yCodeTech/valet-windows)

A personal project to develop and build upon an unmaintained Windows port of the macOS development environment and CLI, *Laravel Valet*.

- Publicly released on Composer in 2023, and includes multi-PHP versions and per-site PHP version support.
- Built using PHP, shell scripts, and Laravel components.
- Creating CLI commands with Silly framework.

Auto Comment Blocks VS Code Extension

2022 - Present

🔗 [yCodeTech/auto-comment-blocks](https://github.com/yCodeTech/auto-comment-blocks)

A personal project to develop and build upon an unmaintained VS Code extension to automatically add Javadoc-style block comments.

- Publicly released on VS Code Marketplace in 2022.
- Built with TypeScript, NPM, and the VS Code API.
- Developed extension commands and user settings.
- Developed functionality to automatically add support for any coding language installed in VS Code.

Technical Skills

HTML	CSS / SCSS	WordPress	Composer	Responsive Design	Adobe CC
Bootstrap	PHP	Roots Bedrock / Sage WP	Node / NPM	OOP	Figma
JS / jQuery	MySQL / SQL	Laravel Blade	Git	SEO	MS Office

Experience

Freelance Web Developer

2012 - Present

The Chetham Society | Website Redevelopment

May - Sept 2024

@ www.chethamsociety.org.uk

A redevelopment of the client's existing website was necessary to allow easier content management, and add any future functionality.

Main duties include:

- Creating a custom WordPress theme, utilising custom post types and Advanced Custom Fields.
- Using my designer's eye to recreate an existing design with Bootstrap, HTML5 and SCSS with BEM.
- Using my own initiative to make informed improvements to the design and functionality.
- Utilising command line tools: Composer, NPM, and Git.
- Customising the WordPress Admin using WP hooks with specialist functions.
- Setting up and developing a custom Stripe Checkout integration using PHP OOP and JS.
- Coding a webhook integration to retrieve customer's delivery details sent from Stripe and creating a private post, and sending an email.
- Utilising WP hooks, Ajax, and JS OOP to develop form validation.
- Performing web hosting and database management/migration.

Eastfield Joinery | Website and Brand Development

2012 - 2018

@ www.eastfieldjoinery.com

Started development as a college project for my father's business. The first version was bare bones and very limited in technologies. As my skills have evolved, the website has become more professional and automated.

Main duties include:

- Designing a responsive website from scratch using Bootstrap, HTML5 and CSS.
- Designing the business cards to tie in with the website design using Photoshop.
- Creation of custom PHP captcha generation.
- Creating a dynamic image categorisation system, and adding new images to the database.
- Simple social media authoring.
- Developing an Ajax powered dynamic and responsive pagination.
- Developing a JS and PHP powered form validation.
- Designing a many to many relational MySQL database.
- Utilising SEO techniques to improve Search Engine rankings.
- Performing web hosting, domain, and database management.

Junior Web Developer | Fishtank Agency

Sept - Nov 2022

Main duties include:

- Learning custom WordPress development with Roots Bedrock and Sage installations with Advanced Custom Fields.
- Learning and using command line tools: Composer, NPM, Git
- Creating a mock-up website based on a design file for learning purposes, which included using Laravel Blade, GSAP animation, and SCSS with BEM.
- Developing a coming-soon landing page for a client, Hosted Group, viewable on my development server: hostedgroup.sjndesigns.dev