

# ETHAN MATTISON

## SOFTWARE DEVELOPER

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## PERSONAL PROFILE

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As a recent graduate of Newcastle University with a first-class honours degree in computer science and multiple years of experience in front-end and back-end web development, I am looking for a challenging role where I can expand my programming skills and contribute to exciting and innovative software projects.

Throughout my career, I have actively contributed to creating user-friendly and functional websites, showcasing my hands-on approach to development. I have a proven ability to meet project deadlines, collaborate with teams of other developers and quickly adapt to evolving project requirements.

## SKILLS & ATTRIBUTES

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- HTML & CSS
- Python (Flask)
- JavaScript (React/Vue)
- Working in a team
- Version Control (Git)
- Effective time management
- PHP (CodeIgniter/Laravel)
- Databases (MySQL)
- CMS (WordPress)

## EXPERIENCE

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### Apprentice / Junior Web Developer

Sep 2018 - Sep 2020

Drummond Central

#### *Outline*

Some of the core skills I developed at Drummond Central were primarily front-end programming for websites, back-end programming (integrating sites into content management systems), and communication skills with colleagues and clients to help achieve a project vision for clients.

#### *Key Responsibilities*

- Transformed website designs into functioning sites using HTML, CSS, and JavaScript.
- Communicated with clients on website aesthetics and functionality to update projects to their desired outcomes.
- Integrated sites into CMS (Umbraco, WordPress) and updated websites with fresh content.

#### *Key Achievements*

- Visit Northumberland Site: Created this site with a team of other developers. Contributed heavily to front-end and delivered a large-scale tourism site.
- Alnwick Town FC Site: Built a fully functioning blog website for a local football team. All the programming was produced by me from the back end (Umbraco) to the front end as well as design in Adobe XD.
- Newcastle College Site: Fixed recurring problems and helped with constantly changing updates on the already developed site to help deliver client needs. Helped reinforce skills in taking on code from another developer and the challenges that can create.

### Web Development Internship

Jul 2022 – Sep 2022

Lazy Grace

#### *Outline*

I completed a web development internship during the summer between my second and third year of university where I developed numerous websites for different clients. Some of the skills I had developed previously were built upon during this

internship such as front-end web development skills as well as new skills I was given the chance to gain which was more backend programming with PHP.

#### *Key Responsibilities*

- Built websites from designs on Adobe XD and turned them into fully functioning sites doing both front and back-end development.
- Renovated old PHP sites to use CodeIgniter and newer front-end libraries.

#### *Key Achievements*

- Coquet Books Site: I did full stack development of this website providing a fully functioning e-commerce site.

#### **Software Freelance Work**

Sep 2023 – Dec 2023 / Feb 2024 – April 2024

Lazy Grace / Beluga Digital

Since graduating I have been able to get valuable experience doing freelance work for various projects for Lazy Grace and Beluga Digital. For Lazy Grace I developed a form builder app for a local boiler company using PHP which involved communicating with clients to create optimal software for their needs.

Whilst doing work Beluga Digital I have been able to code front end and backend for various web projects in languages such as Vue JS, PHP and Nuxt JS. I was able to deliver high quality code for Beluga and their clients as well as gaining experience in languages and frameworks I'd never fully explored before.

## EDUCATION

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#### **BSc Computer Science (First-Class Honours)**

Jul 2023

Newcastle University

- Used data visualisation and analytical techniques with Python libraries to investigate the variability of railway data.
- I built a fully functioning website with software security paradigms using Python (Flask).
- I worked with a team to create a multifunctioning website with a login system and a carbon footprint calculator.

#### **BCS Level 3 Certification**

Sep 2018 – Sep 2020

Baltic Apprenticeships

- This qualification I achieved while working at Drummond Central which included software development context methodologies and programming.
- I created numerous projects including using databases (MongoDB) for web projects, programmed a game using JS and designed websites using Adobe XD.

#### **GCSEs**

I achieved 10 GCSEs at Duchess Community High School.

## INTERESTS

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**SOUNDS** | I consume a wide variety of music and have a growing vinyl collection, but my experience of live performances has inspired me to teach myself guitar, which is a difficult yet rewarding challenge.

**THE BEAUTIFUL GAMES** | I'm an avid football fan and supporter of Newcastle United, and love to attend home games whenever I can. I like to play 5-a-side, but equally happy to escape with a chess match.

**DEVELOPMENT** | Since graduating I have continued to learn and develop my understanding of programming and am currently educating myself in areas such as React and .NET to create useful or entertaining applications that align with my interests. See my Portfolio Website made with React JS here: <https://ethanmattison.netlify.app>