
Ben Crosbie

Github: <https://github.com/b-xb/>

Website: <https://bencrosbie.me.uk/>

I have built up a vast knowledge base, over the years, in various technology related disciplines, with both practical experience - setting up office networks, configuring web servers and developing web applications - and a deep theoretical understanding of computer science - from college, university and online courses.

I gain a lot of satisfaction from assisting other people which is demonstrated by the roles I have gravitated towards over the years.

EXPERIENCE

Scottish Tech Army, UK (Remote) - *Digital Consultant*

AUGUST 2024 - PRESENT

- Assisting local charities with various technical issues including:
 - Cyber Security basics, Microsoft Outlook troubleshooting, Search Engine Optimisation

Data Collective, UK (Remote) - *Data Entry Specialist*

NOVEMBER 2022 - DECEMBER 2024

- Building and maintaining a script and spreadsheet template for automating the collation of job listings from multiple job boards.
- Perform both manual and automatic data validation and sanitisation on each listing.

Edinburgh Libraries, Edinburgh, UK - *Digital Volunteer*

AUGUST 2022 - SEPTEMBER 2022

- Conducted bespoke one-on-one sessions with a member of the public to help teach them basic digital skills.

Noflag Hosting, UK (Remote) - *System Admin & Technical Support*

MAY 2011 - SEPTEMBER 2023

- Managing full stack deployment for mail servers, email lists, web forums and website hosting for a variety of non-for-profit organisations.
- Troubleshooting software issues for clients.
- Writing up documentation for users and other administrators.
- Working with clients to find the best solutions to meet their needs.

Danger Farms, UK (Remote) - *Software Developer*

MAY 2014 - NOVEMBER 2014

- Worked on web application software for a number of high profile clients including Google, Virgin Music Festival and Azal Airlines.

EDUCATION

IT Career Switch, UK (Remote) - Coding Traineeship

JUNE 2020 - JANUARY 2024

- Full Stack Development
 - HTML, CSS, Javascript, React.js, Node.js, Git, SQL
- Additional Skills
 - PHP, JQuery, Python, Bootstrap

The University of Edinburgh, UK - BEng (Hons) Computer Science

2013 - 2018

- Theory: Data Analysis, Algorithm Complexity, Data Structures, Natural Language Processing, Finite State Machines, Artificial Neural Networks.
- Practical Skills: Compiling Techniques, Software Testing, Databases, Mobile App Development, Computer Security, Computer Graphics, Functional Programming (Haskell), Object Oriented Programming (Java)

Edinburgh College, UK - HND Computing: Technical Support

2012 - 2013

- Network Setup and Administration
 - LAN Setup, Firewall installation, DNS Setup, Windows Server, Linux
- Other Skills
 - PC Repair, Website Development, Programming (SQL, VisualBasic)

AWARDS

Game Jam Competition winner

Edinburgh University: Game Development Society (2015)

Worked in a team of three to build a Bomberman style game where your location is not visible to your opponent.

Best Technical Performance and Tournament Win

Edinburgh University: System Design Project (2017)

Wrote the strategy and vision software for a robot that played football autonomously against opposing teams of students. Our team won the final tournament of the competition.

SKILLS

Languages:

- Javascript, HTML, CSS, PHP, Python, Java, Haskell, Assembly, C, SQL

CMS, Frameworks & Libraries:

- React.js, Node.js, Drupal, Wordpress, Django, Angular