



Barry Allen

<https://barryadrianallen.github.io/>



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## Personal Statement

Highly skilled medical technician with experience working in multidisciplinary teams in the NHS, currently seeking a new challenge which will utilise my passion for problem solving, curiosity and desire for continuous learning. ND in Computing and HND in Multimedia Technology. Free time is spent building web applications and music production.

## Projects - <https://github.com/barryadrianallen>

I used macOS terminal CLI and git version control with all projects.

**Card game (Snap)** - I built this browser based game using HTML, CSS, Javascript and the deck of cards API. I used the Fetch API to consume JSON data and used the model, view, controller design pattern to organise my code with ES6 modules.

**Weather App** - I used this project to learn and implement node.js, express and EJS templating. I used a modal to display weather information and deployed the app to render.com.

**Calculator** - Browser based calculator, using CSS grid for main layout

**Ophthalmic tool** - to convert glasses prescriptions. HTML5, CSS and Javascript. Helps my team with Ophthalmic Visual Field testing.

Currently learning the React framework and MongoDB

## Education

*Higher National Diploma Multimedia Technology* - 2004 - Belfast Met

- ▶ Photoshop
- ▶ 3D Studio Max
- ▶ UI Design Principles

*National Diploma Computing (Software Development)* - 2002 Belfast Met

- ▶ C++
- ▶ MS Visual Basic

9 GCSE's - 1999 - RBAI

- ▶ Mathematics - A
- ▶ English - B
- ▶ Physics - B

## Employment History

### **OPHTHALMIC SCIENCE PRACTITIONER, NHS BHSCT 2013 - PRESENT**

Key team member in a clinical hospital setting, working autonomously with wider team to detect various ophthalmic conditions, using a range of specialised hardware and software. Utilise analytical skills and attention to detail to obtain accurate tests and detect anomalous ophthalmic features.

### **PHARMACY TECHNICIAN, NHS BHSCT 2006 - 2013**

Assist in the dispensing and management of expensive pharmaceutical products and control drugs in a hospital pharmacy setting. Source urgently required items at short notice from nearby pharmacies. Use aseptic protocols to combine sterile products into various preparations.

### **AUDIO VISUAL TECHNICIAN, NHS BHSCT 2004-2006**

Setup and breakdown a range of portable AV equipment in a hospital setting. Assist in the storage and management of equipment. Top-up, maintenance and minor repairs of various AV assets in the RVH hospital.