

Patrick Bowen

+447462800773; phun@protonmail.com
21, TF87BY, Telford. References available on request.

My portfolio



goo.gl/vWqfnE

Profile

I have valuable hobbyist experience in a wide range of technologies from web to electronics. I'm looking for a computing placement opportunity, for my second year of a Computing Science degree, where I can improve and contribute my skills, experience, and interests, with a great team or alone on challenging tasks and projects.

Education

Sept'17–Jul'18: **Staffordshire University**

- **Predicted First** BSc (Hons) Computing Science Degree.

Sept'13–Jul'17: **Shrewsbury College**

- **Distinction** for Applied Computing HND with Staffordshire University;
- **Dist+Dist+Merit** in Level 3 Extended Diploma BTEC Computing & I.T.

Jan'09–Jun'13: **William Brookes Secondary**

- GCSE's: **B**, English, Maths, Chemistry; **C**, Physics, Biology, History, Geography.

Technical Skills

JavaScript (last used in 2018), HTML ('18), CSS ('18), PHP ('18), used for a myriad of websites and tools for personal and niche community use (e.g. voting and ID system);

C++ ('17) inc. SFML, used to create terminal-based tools (e.g. logic circuit simulator) and graphical games, some of which can be found in my portfolio;

C# ('16), which I used for getting a feel for Object Orientation;

Arduino C ('17), used for fun electronics projects and resource-starved challenges;

Android Java ('17), my newest endeavor, with one app (an exercise tracker) in my portfolio;

VB.NET ('12) & .NET Winforms, unpracticed for some time yet easy to pick back up;

basic SQL/SQLite and MySQL ('18), used academically and within Android & web projects.

I am a habitual user of Ubuntu, Windows, Android, and Raspbian; of Libre Office, Microsoft Office, and GDrive; GIMP & Inkscape; Chrome/ium & Firefox; Github & Atom.

I am comfortable developing & debugging in many environments, graphically and tangibly.

Work Experience

Feb'18: **Free lance private tutoring**

Provided private tutoring in GCSE KS2-3 maths/algebra at £15p/h.

Feb'16–Jun'17: **Volunteer teaching** at Wrekin Housing Trust

Three hours per week assisting and teaching residents of Wrekin Housing Trust how to use computers, digital consumer items, and the Internet to benefit their lives. My interpersonal skills and friendly approach were strengthened, natural patience and ability to break down concepts used, helping to understand an individual's needs and level of ability through one-to-one sessions.

Jul'13: **Work observation** at UK ICT Ltd.

Two weeks observing operations, where they provided remote administration for multiple clients and businesses.

Sept'12: **Work observation** at Bluehub Solutions

One week observing, and doing small tasks. They provided IT solutions for individuals & companies such as British Gas, Police.

Achievements

- A 'vInspired v50' ([vinspired.com](https://www.vinspired.com)), 2017, for my volunteering at Wrekin Housing Trust;
- '100% Attendance' for multiple terms at college ('13-17), and throughout secondary;
- 'Rising Star,' 2013, Shrewsbury College;
- 'Most improved,' 2015, Shrewsbury College

Personal Experience

In sports & outdoors, I enjoy Fencing in the Épée discipline, and have refereed & participated in many regional competitions. I enjoy indoor rock-climbing, and daily exercise routine. I have mixed programming with these activities, developing an Arduino solution for hit-detection and scoring in fencing matches, and a basic Android app for keeping track of my exercise.

In management and community, I am the head of a partisan political society at university, regularly organising and conducting presentations, meeting with fellow members and those interested, and connecting like-minded together. I have moderated forums and websites.

In spoken language, I enjoy and have experience in creating & developing engineered languages, and assisted in the implementation of a constructed language for a published novel (*The Secret King* by Dawn Chapman). I have been doing short daily Italian lessons through Duolingo since 2014.