Guy **Torbet**

SOFTWARE

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About Me

In software engineering, I see a tenacious and versatile vocation, yet what I love most is its fusion of a scientific core with a creative heart. It is the art of eloquent expression, and the science of structured thinking. Learning to code requires establishing how to learn effectively - I have found this skill to be invaluable, as it allows me to be confident in my ability to overcome any task that I set my mind to.

I have broadly developed my techniques for solving complex problems by abstracting them and thinking laterally and logically. When the solution to a problem is not obvious, I enjoy putting in the extra effort to study, understand, and solve it.

As my hobby evolved into a passion, I continued to enhance my programming ability, learning several languages including Python, C, and Javascript. I began to write small tools and applications, such as an URI shortening API and a chess engine, which I trained a neural network to play. I pursued some freelance jobs in order to cover hosting fees for personal projects.

Skills

Back-end	NodeJS, Express, Django, REST API, ASP.NET, AWS, NGINX
Front-end	HTML5, CSS, React, Redux, NextJS, Vue
Programming	JavaScript, Python, C, C++, Flutter, Docker, Kubernetes, PyTorch
Media	Photoshop, Illustrator, Premiere Pro, Fusion 360, Figma

Experience

Alpha Data   *Edinburgh, United Kingdom*

JUNIOR DEVELOPER   *May. 2019 - June. 2019*

- Wrote comprehensive production ready tests.
- Built experience working with version control.
- Used a range of programming languages, such as C and VHDL.
- Developed interpersonal and teamworking skills.

Freelancing and Contract Work   *Global*

SOFTWARE DEVELOPER   *February. 2020 - Present*

- I designed a sophisticated and scalable web infrastructure to host all of my work.
- Learned many new technologies such as NGINX, NodeJS, Docker, Kubernetes, and ExpressJS - making use of container orchestration to make this service as scalable and efficient as possible.

Education

Lomond School   *Helensburgh, United Kingdom*

PRIMARY AND SECONDARY   *July. 2007 - June. 2021*

- Received A grades in higher exams: Mathematics, Physics, Chemistry, Business and English
- Studying Advanced Higher Mathematics, Mechanics and Computer Science

University   *United Kingdom*

APPLICATIONS   *Starting September 2021*

- Applied for Computer Science at Edinburgh, Strathclyde, Glasgow, St. Andrews and Dundee.
- Have received all unconditional offers so far.