

SHAUN BROOMFIELD

Software Engineer

📍 Hartlepool, England
✉ contact@shaunbroomfield.com
☎ +44 7714825052

🌐 ShaunBroomfield.com
in ShaunBroomfield
🔗 Broomfields

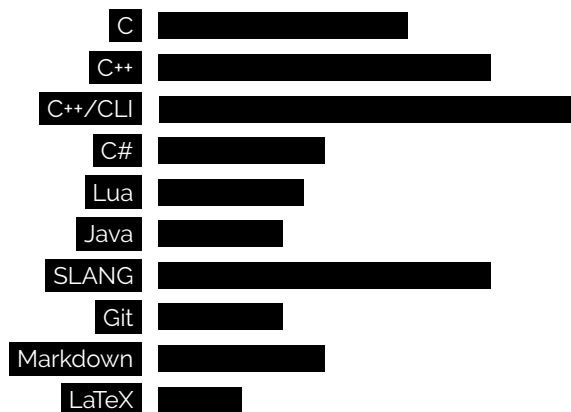
WHO AM I?

I'm a full-stack Software Engineer with a predominant background in developing SCADA software for the Windows operating system. My deep-rooted expertise is within the Microsoft ecosystem, leveraging tools like C, C++, C++/CLI, SQL Server, MFC, and .NET Framework.

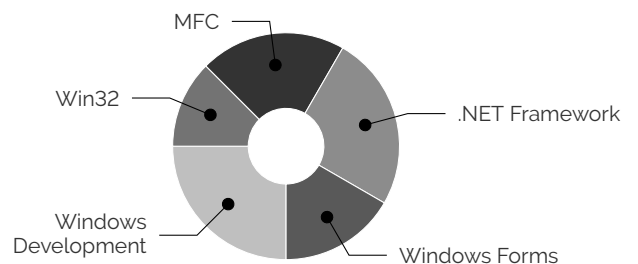
Currently, my professional role involves crafting a SCADA software product that embodies a Micro-Services-like architecture on the Windows platform. This sophisticated system comprises hundreds of intertwined programs, drivers, and services that synchronise seamlessly. Their collaboration relies on data-modules, queues, stacks, pools, and an integration of both relational and in-house non-relational databases, ultimately furnishing a comprehensive SCADA solution across one or multiple Windows machines.

Outside of my professional realm, I possess a broad curiosity for various programming fields. While I have some experience tinkering in web and app development, my primary personal pursuits revolve around systems-level languages, libraries, and frameworks. This has led me to explore the intricacies of graphics programming, physics programming, embedded systems, and other related computing arenas.

PROGRAMMING LANGUAGE EXPERIENCE



PLATFORM DEVELOPMENT EXPERIENCE



CAREER





1/2020 – Present
3 Years 8 Months

Software Engineer
Billingham, England, United Kingdom

Tascomp

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6/2019 – 1/2020 8 Months	Apprentice Software Engineer Billingham, England, United Kingdom	Tascomp
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<div>  tascomp.com </div> <div>  Tascomp </div>		
2/2019 – 4/2019 2 Months	Apprentice Web Developer Middlesbrough, England, United Kingdom	Admit Me
<p>During this apprenticeship, I expanded my knowledge beyond basic HTML, CSS, and JS by immersing myself in a range of new platforms, concepts, languages, and frameworks. While this role offered invaluable insights, the tenure was brief due to the start-up's instability, which proved challenging for apprenticeship growth.</p>		
7/2018 – 1/2019 7 Months	Apprentice Software Engineer Seamer, England, United Kingdom	Labman Automation
<p>About a week after finishing my GCSEs, 16 years old and fresh out of school, I started my career at a robotics company and was ready for whatever the world could throw at me. Since working at Labman was my first ever "real" job,</p>		
<div>  labmanautomation.com </div> <div>  Labman-Automation-Ltd </div>		

EDUCATION

9/2022 – 9/2025	Bachelor's Degree in Computer Software Engineering (In Progress)	Teesside University
12/2018 – 12/2020	C&G Level 3 Diploma in ICT Professional Competence Computer Software Engineering	Middlesbrough College
7/2016	Royal Institution Engineering Masterclasses	The Royal Institution

CERTIFICATES

12/2019	Certificate of Unit Credit Towards Level 3 in ICT Systems and Principles	City & Guilds
12/2019	Level 3 Certificate in ICT Systems and Principles	City & Guilds
12/2019	Certificate of Unit Credit Towards Level 3 Diploma in ICT Professional Competence	City & Guilds
12/2019	Level 3 Diploma in ICT Professional Competence	City & Guilds
12/2019	Level 3 Diploma in ICT Professional Competence	City & Guilds

LANGUAGES

English - native

FORMS OF WORK

Office Hybrid Remote

When it comes to where I work, I don't mind working in an office, working from home, or a bit of both.

As long as my commute doesn't take more than hour, I'm happy to travel for work.

HOBBIES

At the heart of my hobbies lies a theme: creation. It's the common thread that ties together my diverse interests.

In the world of 3D Printing and Modelling using SCAD, I enjoy transforming a digital design into something tangible, be it a functional item, prop, or detailed model.

Similarly, while programming, I find joy in crafting lines of programming into functional solutions, bringing digital creation to life and often interacting with the real world in some shape or form.


This drive to create even extends to my kitchen adventures. Recently, cooking has become another avenue for me to experiment and express, using ingredients to explore delicious expressions of different cultures.

When I need a moment's pause from creating, I take refuge in the worlds of Sci-Fi, Fantasy, and Mythology through audio books. They offer an escape and often reignite my creative spark.

PROGRAMMING JOURNEY

Primary School	Lua <Insert Description>	Personal
Secondary School	Java Visual Basic Python <Insert Description>	Personal and Education
College	C# SQL HTML CSS JS <Insert Description>	Education
Labman	C# SQL <Insert Description>	Work
AdmitMe	Ruby On Rails HTML SCSS <Insert Description>	Work
University	Java Git Markdown LaTeX <Insert Description>	Education
Personal Projects	Lua Java Dart Flutter Rust SCAD C C++ Bash Linux <Insert Description>	Personal
Tascomp	C C++ C++/CLI MFC .NET SLANG SQL Server Win32 <Insert Description>	Work

REFERENCES

Ashley Tizard	Managing Director  Ashley-Tizard	Tascomp Limited
Steven Tilly	Lead Software Development Engineer  Steven-Tilly-8282141a	Tascomp Limited
George Priestner	Senior Software Engineer  George-P-5aa9385a	Eaton
Rhys Maddren	Graduate Developer  Rhys-Maddren-133a7b151/	Sage

