

# SHAUN BROOMFIELD

Software Engineer

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🌐 ShaunBroomfield.com  
in ShaunBroomfield  
🔗 Broomfields

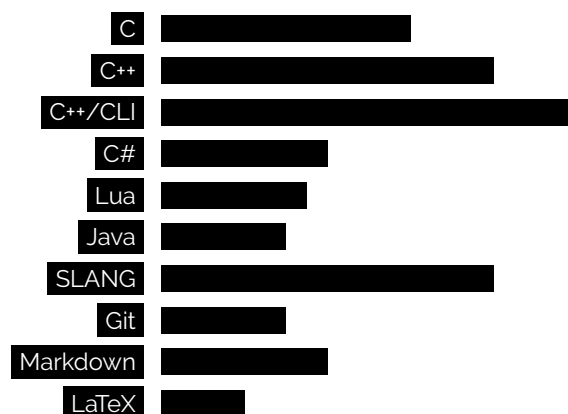
## WHO AM I?

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 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

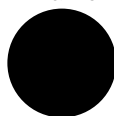


## PLATFORM DEVELOPMENT EXPERIENCE

Windows Development



.NET Framework



MFC



Win32



## CAREER

1/2020 – Present  
3 Years 8 Months

**Software Engineer**  
Billingham, England, United Kingdom

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6/2019 – 1/2020  
8 Months

**Apprentice Software Engineer**  
Billingham, England, United Kingdom

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2/2019 – 4/2019 2 Months	<b>Apprentice Web Developer</b> Middlesbrough, England, United Kingdom	<b>Admit Me</b>
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.		
7/2018 – 1/2019 7 Months	<b>Apprentice Software Engineer</b> Seamer, England, United Kingdom	<b>Labman Automation</b>
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<div>  labmanautomation.com </div> <div>  Labman-Automation-Ltd </div>		

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

Certificates		
12/2019	<b>Certificate of Unit Credit Towards Level 3 in ICT Systems and Principles</b>	<b>City &amp; Guilds</b>
12/2019	<b>Level 3 Certificate in ICT Systems and Principles</b>	<b>City &amp; Guilds</b>
12/2019	<b>Certificate of Unit Credit Towards Level 3 Diploma in ICT Professional Competence</b>	<b>City &amp; Guilds</b>
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Languages	Hobbies
<b>English</b> - native	I love... Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec a diam lectus.

Programming Journey		
Primary School	<b>Lua</b> <Insert Description>	<b>Personal</b>
Secondary School	<b>Java, Visual Basic, Python</b> <Insert Description>	<b>Personal and Education</b>
College	<b>C#, HTML, CSS, JS, SQL</b> <Insert Description>	<b>Education</b>

University	<b>Java, Git, Markdown, LaTeX</b> <Insert Description>	Education
Labman	<b>C#, SQL</b> <Insert Description>	Work
AdmitMe	<b>Ruby On Rails, HTML, SCSS</b> <Insert Description>	Work
Personal Projects	<b>Dart, Flutter, Rust, Lua, C, C++, Java, ReactJS, GatsbyJS, SCAD</b> <Insert Description>	Personal
Tascomp	<b>C, C++, C++/CLI, MFC, .NET, SQL, SLANG</b> <Insert Description>	Work

## REFERENCES

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