

Max Sherman

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Motivated Computer Science graduate with a passion for software development and with a year of experience in product engineering. Throughout an industrial placement with Jaguar Land Rover, I have improved my skills in software development, testing, and project management. Known for a proactive approach, I was promoted to a leadership role within 6 months of starting my placement. Proven ability to adapt quickly to new environments and circumstances.

Education

University of Brighton , Bachelor with Honours in Computer Science – UK	September 2021 – May 2025
<ul style="list-style-type: none">• GPA: 80 (First Class)• Coursework: Algorithms, Artificial Intelligence, Cyber Security, Data Mining, Data Structures, Functional Programming, Mobile Application Development, Object Oriented Programming, Usability Evaluation, Web Development	
Stedelijk Gymnasium Nijmegen , VWO Gymnasium in Applied Sciences – NL	August 2015 – June 2021
<ul style="list-style-type: none">• GPA: 74• Coursework: Advanced Mathematics, Advanced Physics, Ancient Greek, Art History, Biology, Chemistry, Computer Science, Dutch, English	

Experience

Software Undergraduate Placement , Jaguar Land Rover – UK	July 2023 – July 2024
<ul style="list-style-type: none">• Developed and optimised AUTOSAR-compliant Simulink models for powertrain control systems, increasing model efficiency and maintainability by over 60%• Supported defect resolution pipeline from MIL to HIL testing, identifying and resolving issues early in the development lifecycle• Collaborated with hardware, calibration, and testing teams to ensure seamless software-hardware integration• Promoted to Function Owner within six months, managing a team of engineers and acting as liaison between JLR and external suppliers• Quickly adopted industry-standard tools such as MATLAB, GitLab, JIRA, and AUTOSAR, ensuring seamless integration of software components and maintaining project timelines	
Various hospitality roles , Various companies – NL & UK	July 2021 – Present
<ul style="list-style-type: none">• Worked in high-pressure, fast-paced environments, delivering excellent service while managing time-sensitive tasks during high-profile events such as the Dutch Grand Prix and Royal Ascot• Adapted quickly to different job roles and responsibilities, managing small teams and independently overseeing venue operations, including opening and closing restaurants• Enhanced interpersonal and communication skills by interacting with a wide range of clients and colleagues	

Extracurricular

Software Development Project Manager , DRIVEN – UK	July 2023 – July 2024
<ul style="list-style-type: none">• Led the software development of an Formula 24 racecar, coordinating the team to deliver embedded control software using VS Code, PlatformIO, and GitLab• Managed the project lifecycle, from design to testing, demonstrating leadership, time management, and strategic problem-solving• Received two "DRIVEN Amped-Up" awards for exceptional leadership and dedication, recognizing my proactive approach and commitment to the project• Played an integral role in the car's software and hardware integration, frequently collaborating with the hardware and testing teams	

Captain and Welfare Officer, University of Brighton Men's Hockey team – UK September 2021 – April 2025

- Served as team captain, leading strategy, team organization, and match-day decisions, encouraging collaboration and motivating the team
 - Supported the well-being of over 20 team members, ensuring effective communication and team cohesion
 - Led the team to a successful season, contributing to the "Club Colours" award in 2025 and the "Team of the Year" award in 2023 through strong leadership and collaboration

End of year project, Vectioneer – NL September 2020

- Designed and built a Hexacopter from scratch with a colleague, handling both hardware assembly and software programming
 - Documented the process and worked efficiently under tight deadlines, improving technical and teamwork skills

Hockey clinics, UNION Hockey Club – NL April 2019

- Delivered introductory hockey clinics to children, developing leadership, organization, and communication skills in a coaching environment

Projects

Full-Stack Web Application for Investment Health Checks

InvestmentHealthchecks.com

- Built a secure platform for clients to submit investment data and receive personalised health checks
 - Implemented client and admin dashboards with role-based access, file uploads, and payment processing
 - Designed a responsive, modern UI for a seamless user experience
 - Tools Used: Next.js, TypeScript, Supabase, AWS S3, Tailwind CSS, shadcn/ui

Website for CWD Consulting cwdconsulting.vercel.app

- React and Next.js based website for CWD Consulting, offering an overview of their services and research
 - Responsive and modern website design, including dynamic components and contact forms
 - Tools Used: React, Next.js, Tailwind CSS

github.com/maxsherman1/f1-data-analysis-tool

- Web-based tool that combines data visualisation with statistical analysis on Formula 1 data
 - Final year project for the University of Brighton. Report: 85, presentation: 95
 - Tools Used: Python, Git, PyCharm, GitHub

Skills

- Languages: Python, Java, C, C++, HTML, CSS, TypeScript, SQL, LaTeX
 - Technologies: Git, MatLab, Simulink, JIRA, Office
 - Testing: Unit, Integration, System, Black Box, White Box, MIL, SIL, PIL and HIL
 - Six Sigma Yellow Belt Certification
 - Experience with following international standards such as ISO 26262
 - A solid understanding of Mathematics
 - Experience with Agile methodology
 - Ability to interpret and analyse data
 - Strong adaptability and quick learning
 - Academic and technical writing skills
 - Comprehension of legal and ethical matters
 - Fluent in Dutch and English, currently learning German

Interests

Hockey, fitness, cooking and music (pianist) – all activities that require dedication, focus, and a team-oriented mindset.

References available upon request