



CONTACT

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TECHNICAL SKILLS

HTML • CSS • JavaScript

C# • WPF

Arduino • ESP32 Development

Raspberry Pi • Linux

PCB Design & Soldering

3D Printing & CAD

Git & GitHub

LANGUAGES

English — Native

German — Basic

CERTIFICATIONS

First Aid — REFR Level 1

Irish Driving Theory Test

JC German Certificate

TY Robotics Achievement



Portfolio
Scan to view my projects

Jason Clark

ASPIRING ENGINEER & DEVELOPER

5th year student with a strong interest in software, electronics, and engineering. I enjoy designing and building practical projects ranging from web applications and embedded systems to custom hardware. Through self-directed learning and hands-on experience, I have developed a portfolio of projects that demonstrate problem solving, creativity, and technical ability.

PORTFOLIO HIGHLIGHTS

- SurfNAS**
Raspberry Pi • Linux • Self Hosting
Designed and built a fully custom Raspberry Pi home server with a 3D printed enclosure for self-hosted storage and services.
- Journal App**
C# • WPF
Developed a Windows markdown journal application featuring live preview, autosave, image support, and export functionality.
- Jason's Jukebox**
ESP32-C3 • RFID • Electronics
Designed and programmed a Minecraft-inspired RFID jukebox using custom electronics and a 3D printed enclosure.
- Portfolio Website**
jasonclark.duckdns.org
Complete portfolio containing 15+ software, electronics, and engineering projects.

EDUCATION

- Schull Community College**
Secondary School, 2022 – Present
JC Distinction (A) in Engineering. TY completed with robotics, enterprise and STEM. Now entering 5th Year.
- Self-Taught Web Development**
2020 – Present
Independently learned HTML, CSS, JavaScript, and Git through building websites, web applications, and personal software projects.
- Hack Club**
Member – 2024 – Present
Participated in a global student coding community, building software and hardware projects while developing programming, engineering, and problem-solving skills.

WORK EXPERIENCE

- Founder & Developer – PixelCork**
pixelcork.eu
Founded and developed a web design and technology service, creating websites and digital solutions for small businesses and organisations.
- Stryker (Springhill)**
TY Placement
Medical device manufacturing; observed engineering processes.
- Blackrock Castle Observatory**
TY Placement
Supported science outreach and visitor engagement.
- DPOD Engineering**
TY Placement
Observed engineering workflows, CAD design, manufacturing processes, and product development in a professional engineering environment.
- Clark Construction Company**
Personal Experience
Hands-on experience in Construction sites
- Weidinger – Germany**
TY German Exchange
Work experience on a German farm as part of a cultural exchange programme.

VOLUNTEERING

- Soup Kitchen, Statesboro, Georgia**
Prepared and served meals to those in need.
- Charity Shop, Schull / Make America Clean Again**
Retail volunteering and environmental clean-up, Ireland and USA.

ACHIEVEMENTS

- BT Young Scientist
- SciFest Cleaner Climate Award
- TY Enterprise Programme
- Hack Club Member
- Hack Club Open Source Contributor
- German Exchange
- TY Robotics Cert
- TY Christmas Concert
- First Aid Certified
- Ski Trip

INTERESTS

- Surfing
- Volleyball
- Mechatronics
- Dirt Biking