

Bennett Anthony William Harris

Systems artist and designer · product, fabrication and machine intelligence

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PROFILE

Twenty-nine, based in Reading. Nine years of working relationships with Chinese manufacturing and thirteen years self-employed before returning to formal education in 2025. I work across physical product, fabrication and software: I specify systems, direct their build, and take them from concept to a sellable object.

Formally assessed in May 2026 as dyslexic, with ADHD symptoms documented and clinical assessment under way. That has made me an unusually advanced user of assistive and agentic tooling, and it is why I build the tools I need rather than wait for them. Everything below was made before any of it was diagnosed or supported.

WHAT I HAVE BUILT

Neuro Locker

neuro.locker

Beta, in use

An audio-first AI tutor I designed and built for neurodivergent learners, myself first. It takes course material and re-presents it in the format my assessment says I actually learn from, spoken rather than read, and teaches through interactive cards. Specified, built and shipped by me, and used on my own engineering physics material every week.

Grant 3.0

grant.bawh.io

Working, conversational layer in development

A private briefing agent that turns scattered information into one daily brief across my projects, my reading and shifting world conditions. Three generations, each rebuilt from what the last got wrong. It also narrates bawh.io end to end.

Private Inferencing Core

pic.bawh.io

In development, working core

Locally owned machine intelligence infrastructure, so that data, memory and inference stay under my control rather than rented. Costed on watts per gigabyte of resident model against the workstation alternative.

bawh.io

and every subdomain in my portfolio

Live

A multi-site build, specified, directed and deployed end to end, including edge routing and a voice narration pipeline. A working system rather than a folder of images.

EDUCATION

London South Bank University

2025 to 2026

BSc (Hons) Product Design and Technology, Level 4

Design Engineering; Design Engineering Analysis; Technical Design Communication; Professional Studies and Key Skills; Professional Work Practice. Admitted as a mature student. The year is not yet finalised; the resit examination board sits at the end of August 2026.

Cambridge IGCSE

2012

Sat privately, aged fifteen. Mathematics C, English Literature C, First Language English E. No Level 3 qualifications.

ENGINEERING WORK

Technical Design Communication

July 2026 · lsbu.bawh.io

Full CAD model in Fusion 360, engineering drawings produced to standard with every part dimensioned in millimetres, an exploded assembly drawing, an eight step assembly manual, a physical mock-up and a motion demonstration. Submitted complete and on time.

Project Palma

palma.bawh.io

Seventeen degree of freedom tendon driven robotic hand, built on the open source ORCA platform. Every component printed and assembled by me, bill of materials held under 2,000 CHF.

1D Mini

1d.bawh.io

A complete video game constrained to a single line of LEDs. Addressable strip, microcontroller, hand cut acrylic wedge, firmware and game behaviour iterated directly on the hardware.

Home Energy Diagnostic Kit

Ladywood, 2026

A postal diagnostic kit letting a household assess its own heat loss, with a guided walkthrough. Local housing-stock and fuel-poverty context, heat-loss analysis, impact modelling, and an explicit statement of the design's limits.

MANUFACTURING AND PRACTICE

- **Manufacturing sourcing, Shenzhen, since 2017.** Nine years of returning trips and direct factory relationships, most intensively across twelve days in August 2026: roughly a dozen supplier meetings and six factory tours. Manufacturing and development agreements signed for KIJIO the same month.
- **Private hire operation.** PCO licence holder running an electric van, with a second vehicle, storage and an in-house A3 print lab alongside. This self-funds the studying.
- **Self-employment, 2012 to 2025.** Thirteen years making, trading and running small ventures.

CAPABILITIES

Engineering

CAD modelling, engineering drawing to standard, prototyping, additive manufacture, workshop and metal fabrication, laser cutting, design for manufacture.

Software

Full-stack web systems specified, directed and deployed. Agentic and generative AI as a primary working method rather than an add-on. Python, JavaScript, edge functions.

Commercial and tools

Nine years of China sourcing, supplier management, certification and compliance. Fusion 360, Adobe Creative Suite, Figma, assistive tooling.