

# Hendrik Junge

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Multidisciplinary Business & Management graduate (High 2:1) specialising in data-driven decision-making and emerging technology applications. Wrote a first-class dissertation on AI in financial markets arguing that competitive advantage comes from human judgement and data quality rather than model complexity, a conviction now running as a self-hosted, multi-provider AI lab built on personal hardware. Demonstrated ability to excel in high-pressure environments through progressive leadership at Wimbledon Championships. Trilingual (German, English, Spanish).

## PROFESSIONAL EXPERIENCE

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### Finance & Controlling, Internship

2024 Aug

PRISMA European Capacity Platform · Leipzig, DE

- Built a **Power BI** dashboard giving senior management company-wide visibility of **software-licence usage** and **cost-saving opportunities**.
- Structured and analysed **licence data** across the business into an accurate **central database**, establishing the foundation for ongoing cost optimisation and licence management.
- Took **initiative beyond the brief**, learning core controlling routines (**business plan, month-end closings**) and engaging across the company, in and out of office hours.

### Chef de Partie

2023 / 24 / 25 Jun – Jul

Wimbledon Tennis Championships · London, UK

- Promoted on merit in each of three consecutive tournaments, rising from Commis to Chef de Partie and the **lead of the starter section**.
- Composed team leader under Michelin-standard pressure, holding a **four-person team** to flawless, on-the-clock service for **over 250 guests** a day with zero complaints across three tournaments.

## LEADERSHIP & PROJECTS

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### Self-Hosted Data & AI Infrastructure

2024 – Present

Sole Architect · Engineer · Operator

- Brought a First-Class AI dissertation to life as a self-taught project, researching **local multi-model AI** hands-on. With **Hermes AI Agents** orchestrating multiple LLMs and workflows.
- Self-hosted a **personal cloud** on 40TB of ZFS RAIDZ2 storage running TrueNAS. Running over **60 Docker services** across ...
  - observability, health monitoring, backup, storage, networking, security, authentication, automation

### My Brainforest, Knowledge Management System

2022 – Present

Sole Architect · Curator

- Built a **queryable second brain** of 4,000+ notes and 4 million words, spanning over 150 domains under a custom Dewey-style classification, designed for longevity and **AI connectivity**.
- Extended it into a **meta-processing layer** with 47 community plugins and 5 MCP servers, running a **knowledge workflow pipeline** (capture → processing → output).

### [hbjunge.com](#)<sup>↗</sup>, Personal Website

2026 – Present

Sole Designer · Engineer · Operator

- Built on **FastAPI, SQLite** and **Docker** behind **Cloudflare**, a personal platform for **blog, projects** and **products**.
- Running self-managed **Google Ads**, applying Google Ads and AI certifications in live practice, to learn the customer's economics first-hand.

## EDUCATION

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### University of Exeter, B.Sc. Business and Management (2:1)

2022 – 2025

Exeter, UK

- ▶ **Dissertation:** “AI in Financial Markets Decision-Making” (72%)
  - ▶ **Systematic literature review** of 30 peer-reviewed sources, screened from 215
  - ▶ Argued that competitive advantage derives from **optimal human-AI integration** and data quality rather than algorithmic sophistication alone
- ▶ **Finance** for Managers (78%) · Advanced **Strategic Management** (72%) · **AI, Media and the Metaverse** (68%) · **Cryptocurrencies** (69%)

### Warminster School, International Baccalaureate Bilingual Diploma

2020 – 2022

Warminster, UK

- ▶ **Subjects:** Mathematics, Economics, Visual Arts, German, English, Biology
- ▶ House Prefect

## SKILLS

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### Languages

- ▶ German (Native), English (Native), Spanish (Intermediate, B2)

### Technical

- ▶ **AI**
  - ▶ **GenAI & Prompt Engineering** (Advanced) · **AI Agent Engineering** (Advanced) · **Local LLM Inference** (Proficient)
  - ▶ Built through daily practice across 14 providers, a self-engineered agent running multi-LLM orchestration with cascading fallback, and open-weight models served on own hardware
- ▶ **Code**
  - ▶ **Python** (Advanced) · **Git** (Proficient) · **FastAPI** (Proficient) · **HTML / CSS / JavaScript** (Proficient)
  - ▶ Proven by shipping hbjunge.com end to end on a hand-built FastAPI backend and framework-free frontend, with every system in the lab versioned in git and automated in Python
- ▶ **Data**
  - ▶ **SQL** (Proficient) · **Excel** (Advanced) · **Power BI** (Proficient) · **Statistics, R & SPSS** (Working)
  - ▶ Grounded in a production SQLite data layer designed for hbjunge.com, an audit of over 350 software subscriptions across eight departments at PRISMA, and degree-level quantitative coursework
- ▶ **Infrastructure**
  - ▶ **Observability** (Advanced) · **Monitoring** (Proficient) · **Backup** (Proficient) · **Storage** (Advanced) · **Networking** (Proficient) · **Security** (Proficient) · **Authentication** (Proficient) · **Automation** (Advanced) · **Docker** (Advanced)
  - ▶ Earned operating a three-host homelab, over 60 Docker services behind zero-trust networking, GitOps deployment, tiered ZFS storage with nightly offsite backup, and SSO with hardware keys across 13 services

## CERTIFICATES & CREDENTIALS

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### Google Ads Search Certification<sup>↗</sup>

2026

Skillshop

### Google Ads Measurement Certification<sup>↗</sup>

2026

Skillshop

### Google AI Professional Certification<sup>↗</sup>

2026

Coursera

## SPORT

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### Hockey

2009 – 2025

ETUF Essen & Exeter University · Club Level

### Golf

2019 – Present

ETUF Essen & Essener Golfclub Oefte e.V. · Club Level

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*Born in Japan · Educated in Germany & UK · Comfortable across DACH, UK, and international work cultures.*