

Joe Speed

Behavioural Scientist

London, UK

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joe-speed.com

github.com/Joe-Speed

substack.com/@joespeed1

TECHNICAL SKILLS

Programming

Python, JavaScript, Typescript, SQL

Frameworks & Libraries

Three.js, React, Next.js, Tailwind, Svelte

Data Analysis

R, Excel, Stata

RESEARCH METHODS

Experimental design, quantitative analysis, statistical modelling, data analysis

TOOLS

GRAPHICS

Figma, Cavalry, Inkscape

UTILITIES

GA4, Overleaf

CERTIFICATES

PROGRAMMING

Python for AI – Harvard University Online

Machine Learning – Harvard University Online

Web Programming – Harvard University Online

Data Science – Harvard University Online

Databases (SQL) – Harvard University Online

PROFILE

Behavioural Science MSc graduate with distinction, specialising in decision neuroscience, behavioural economics, and large-scale data analysis, with strong applied research and technical project experience.

EDUCATION

MSc Behavioural Science

2024–2025

University of Glasgow

Grade: Distinction

Highest mark in cohort in Econometrics (90)

BA Economics and Philosophy

2020–2023

University of Manchester

Grade: First-Class Honours

RESEARCH

Large-scale analysis of PISA data (2000–2022) across 80+ countries, examining reading behaviour and cognitive and socio-emotional correlates using Python-based regression modelling. Dissertation selected as an exemplar for quantitative social science dissertations.

Dissertation: joe-speed.com/dissertation.pdf

RELEVANT PROFESSIONAL PROJECTS AND EXPERIENCE

Creator/Founder — Behavioural Simulation Platform

2026–Present

Designed and built a behavioural modelling platform implementing prospect theory, hyperbolic discounting, and diffusion dynamics as parameterised simulation systems. Full-stack architecture using Next.js, TypeScript, FastAPI, and PostgreSQL with authenticated scenario persistence via Clerk and Stripe subscription integration.

Live: behaviouralengines.com

Creator/Founder — Behavioural E-Learning Platform

2026–Present

Architected an interactive e-learning platform translating behavioural science into reactive simulations using Svelte. Engineered a modular lesson system featuring gated assessments and data-driven visualisations and animations.

Live: schoolofbias.com

Creator/Founder — Reading Tracker Web App

2025–Present

Built a Flask and PostgreSQL reading tracker with analytics, gamification, and leaderboards. Placed 2nd in a 2025 launch competition. Integrated Microsoft Phi-3 LLM as an AI reading companion. Maintain SQL datasets and analyse user retention using Python regression models.

Live: libriax.com

Creator — Relational Behavioural Network

2026

Designed and built a 3D relational behavioural system connecting core cognitive mechanisms to biases through a scalable, data-driven behavioural network. Implemented a structured node architecture with computed relational links using Three.js.

Live: behaviouralatlas.com

Creator — Concept Essay Site

2024

Academic and creative website presenting original essays in philosophy, neuroscience, and behavioural science. Integrated Supabase subscriptions and automated newsletter delivery triggered via Git-based publishing.

Website: beingandthought.com

DECISION SCIENCE

Behavioural Finance –
Duke University Online

Behavioural Neuroscience
– University of Alaska
Online

Consumer Neuroscience
and Neuromarketing –
Copenhagen Business
School Online

Computational
Neuroscience – University
of Washington Online

Behavioural Economics in
Action – University of
Toronto Online

LANGUAGES

English – Native

French – Basic /
Conversational

German – Basic (Alpine
Technical)

Russian – Elementary (In
Progress)

OTHER PROFESSIONAL EXPERIENCE

Bookseller – Waterstones 2024–2026

Served as the primary specialist for Philosophy, Neuroscience, and Economics. Developed the ability to distill complex academic concepts into accessible narratives for customers, driving engagement through tailored recommendations.

London, UK

Level 3 Ski Instructor – Austria 2024

Conducted coaching in basic German and English for students of diverse abilities. Managed group safety and progression in alpine environments utilising leadership and clear communication. Having been fortunate to train as an instructor, I built this portfolio platform as a fun coding project to improve my Javascript and CSS skills.

Austria

Live: skiing-portfolio.joe-speed261.workers.dev

Virtual Industry Training (KPMG & SAP) 2023

I proactively pursued industry experience through virtual programs during my undergraduate studies. At KPMG, I explored and visualised datasets to provide data-driven customer targeting advice. At SAP, I utilised analytics to help a French fashion brand identify and resolve drivers of declining sales.

Remote

INTERESTS

Endurance Sports & Charitable Advocacy

I enjoy running and try and combine this with altruistic outcomes. I previously organised and ran a 15km colour run for mental health awareness and raised [£675 for Alzheimer's research](#) via a Tough Mudder. I completed the Prague Marathon in May 2026, raising [£1,100 for cancer research](#).

Competitive Squash

Competitive player and former No. 2 seed for Middlesex County. Most recently represented the University of Glasgow as the first-team, number one player, winning the 2025 University Championship. I have also represented the first team for the University of Manchester.

Writing, Reading & Chess

I am an avid reader of philosophy and literature, Karl Popper and Russell being two of my favourite philosophers. I built Libriax to synthesise this hobby with my interest in data and statistical tracking. I enjoy writing and maintain a Substack exploring behavioural science. I also enjoy playing strategy games, especially chess, where I was part of the Manchester Chess Society and managed a peak online ELO of 2150.

Music, Drawing & Art

I enjoy music and play the saxophone, having achieved my Grade 8. I have a love for art, particularly German Expressionism. My favourite work is Ernst Ludwig Kirchner's, "Winter Landscape in Moonlight." I created Being & Thought as a creative outlet to synthesise my drawings and love of art with writing.