Josh Thompson

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SUMMARY

My role as my company's first hire was to devise product strategy for a driving simulation and behavioural research service, beginning from a blank sheet of paper. This work led to signing the UK Government's first framework agreement for use of immersive technology and our working across Government and the Architecture, Engineering and Construction (AEC) sector.

I have enjoyed creating an environment where colleagues can express themselves and work with freedom towards applications that have supported Nationally Significant Infrastructure Projects (NSIPs), foreign engagement and public policy, through the delivery of Digital Twins, interactive visualisations, and driver-in-the-loop simulation.

QUALIFICATIONS

MSc Computer Science   2025-2026
University of Bristol
- Masters scholarship and UK Research and Innovation My World scholar

BSc Economics (first class honours)   Oct 2012 – Jun 2017
University of Leicester (1st, 2nd Year), Kingston University (3rd Year)

SKILLS

Product Management

- User Research: A/B testing with SciPy
- Market Research: regression and cluster analysis using NumPy and Pandas
- Commercial: vendor management, RFP exercises
- Project Tools: Jira (administration), Figma, Emacs

Development

- Languages (basic): eLisp, Python, HTML/CSS
- Tools: Git, C4 Software Architecture Modelling, Azure MDM
- Data Visualisation: Tableau, Matplotlib

EMPLOYMENT

MXT   Jun 2018 – Nov 2024
Programme Manager   *London, UK and Seattle, US*

Led product for a distributed real-time simulation suite
- £1m/pa revenue
- Customers: Government Major Projects, Department for Transport, National Highways, WSP, ARUP, AECOM, Defence, Science and Technology Laboratory

Responsibilities

- Vision and operational strategy: defined a road-map that was valuable to our customers and viable within business and market constraints
- Line management: geographically distributed team of researchers, software engineers and game developers
- Stakeholder engagement: examples inc. C-suite and UK ministers
- Agile: implementation of PMI 'Disciplined Agile' development methodology

Accomplishments

- ISO 9001 Quality Management, British Standards Institution
- Shortlist, research award, Chartered Institute for Transport (CIHT)
- Digital Twin: Stonehenge World Heritage Site
- UNESCO Engagement
- Accelerator Program Recipient: Innovate UK, UK Research and Innovation

INTERESTS

Inadvertently agreeing to cook for restaurant-sized groups — Piano — Live events — Gardening