Daniel MacArthur Senthil Kumar, FRS

London, UK | github.com/A93P | Quantitative Data Scientist / Deep ML Engineer / Game Developer / Writer

PROFILE SUMMARY

Curious and self-taught quantitative data scientist and machine learning engineer with experience across quantum computing, AI ethics, game development, and computational fluid dynamics. Skilled in Python, Lua, and C++, with research spanning AI efficiency, NLP, and fluid mechanics. MENSA High IQ member with projects in AI-human ethics, quantum combinatorics, and Navier–Stokes turbulence.

WORK EXPERIENCE

Tablelu.ai / Tablelu.co — Co-Founder & Deep Learning Engineer (Aug 2022 – Present, Remote)

Founded and led a data science startup researching efficient LLMs. Conducted research on quantum computing, AI ethics, and multilingual NLP. Built robotics-inspired 3D models and initiated mind-mapping projects inspired by Scale.ai.

Wintons Mortgages — Software & Operations Intern (Feb 2023 – Jul 2023, London)

Prototyped AI email automation for CRM. Conducted property analysis using Rightmove, Zoopla, and Savills. Enhanced client relations and operational efficiency.

RiseHub — Software Intern (Summer 2022, London)

Analyzed classroom dynamics in UK markets and optimized learning environments through data visualization.

Lura Constructions — Excel Engineer (2021 – 2022, London)

Automated Excel workflows using VBA and proposed web scraping for document management.

EDUCATION

Harris Science Academy East London — A-Levels in Physics, Further Mathematics, and Computer Science (Sep 2021 – Mar 2024)

Research focus on Navier–Stokes Equations, Turbulence Modelling, and M-Theory.

Little Ilford School — GCSEs, GPA: 4.0 / Excellent (Jun 2018 – Aug 2021)

Ranked 1st among 200–300 pupils. District winner in Wordsworth International Spelling Bee.

TECHNICAL SKILLS

Python, C++, C#, Java, Lua (Roblox), TensorFlow, PyTorch, Azure SDK, AWS, PySpark, Ansible, Excel VBA, NLP, Quantum Computing, CFD, Financial Modelling

ACHIEVEMENTS

MENSA High IQ Member • Recognized by DeepMind (2021) • Amazon Internship & Sponsorship • 1st Place, Wordsworth International Spelling Bee • Top 1% Academic Excellence (2022)

INTERESTS

Quantum Mechanics, Robotics, Game Development, Writing, Financial Markets, Hiking & Cycling