

ANNA PARKER

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[LinkedIn](#) | [GitHub](#) | [Kaggle](#) | [Portfolio](#)

EDUCATION

King's College London

September 2026 to June 2029

BSc Artificial Intelligence and Philosophy

- Modules: Mathematics and Statistics for AI II; Introduction to AI; Logic and Knowledge Representation; Epistemology I; Ethics I; Metaphysics I; Methodology.
- Societies: KCL Competitive Programming Society; KCL Tech Society.

University of Bath

September 2025 to April 2026

BEng Robotics Engineering (transferred to KCL to study AI).

- Societies: Women in Engineering; Team Bath Racing Electric AI.

Reading College

September 2024 to June 2025

Access to HE Diploma, Engineering

- 45/45 Level 3 credits at Distinction, the maximum available (A* A* A equivalent).
- Highest score ever recorded on the programme entry test (98%).

PROJECTS

1 in 9: Women in Chess, Through the Data | [Live site](#)

February 2026 to Present

Independent Creator | Python, pandas, NumPy, Prophet, Monte Carlo simulation

- Built a pandas pipeline over 130 monthly FIDE rating snapshots (47M+ records), cleaning and filtering to active players before any comparison; published the cleaned dataset on Kaggle.
- Designed a Monte Carlo simulation using order statistics, repeatedly sampling from the pooled empirical rating distribution of active players to model how participation rates alone shape the Elo gap at cutoffs from top 1 to top 10,000.
- Extended the work with a peak age analysis and a Prophet forecast of participation trends. Reached thousands of readers globally.
- Presented the findings in two invited talks to London chess club audiences of 40+, explaining the statistics in plain language and handling live Q&A.

Meta | Prophet

August 2026

Open Source Contributor | Python, Git, GitHub

- Authored and merged PR #2736 into Prophet v1.4.0, adding a warning for under identified yearly seasonality so users are alerted when a fitted seasonality is not supported by the data.

Mathematics for Machine Learning Solutions Site

2026

Technical Author | Python, LaTeX, MkDocs

- Published worked textbook solutions spanning linear algebra, vector calculus and probability distributions on a public MkDocs study site.

EXPERIENCE

Chess.com

August 2026 to Present

Freelance Data Journalist and Technical Writer

- Working with Chess.com to deliver data driven articles, finding patterns in their data on key events and communicating them clearly to a non technical audience.

London Women's Chess Club

April 2026 to Present

Website and Communications Director (Volunteer)

- Led the full redesign for an ECF award winning club, replacing WordPress with a custom static site on GitHub Pages and saving £500 per year.

Team Bath Racing Electric

2025 to 2026

Junior Engineer

- Worked with LiDAR sensor data on the autonomous car for a top 3 Formula Student team.

Code Club

September 2024 to July 2025

Volunteer Coding Mentor

- Led weekly sessions teaching Scratch, Python and HTML to children aged 7 to 11, adapting loops, variables and conditionals for mixed ability beginners.

SKILLS AND CERTIFICATIONS

Programming: Python

Mathematics: Linear Algebra, Calculus, Probability & Statistics

Libraries and tools: pandas, NumPy, PyTorch, Prophet, Git, GitHub, GitHub Actions, MkDocs, LaTeX

Spoken languages: English (native), Russian (full professional proficiency)

Certifications: AWS Certified AI Practitioner; DataCamp Data Scientist Associate

Awards: Codedex Monthly Challenge winner (June 2026)