

# William Fletcher

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*Good data science · Open communication · Structured goals · Healthy culture*

## Summary

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Will is an experienced, versatile, and technically strong data scientist – and a big-picture problem-solver. He invests in people, culture, and strategy, whilst delivering his own work with craftsmanship. He is known for clarity, detail, comprehensiveness, reliability, and maintaining perspective through challenges.

## Experience

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### Bumble

*dating and connections app*

TECHNICAL PROGRAMMES MANAGER · DATA SCIENCE

Aug '22 – Apr '24 \*

- Managed internal research, academic collaborations, and studentships
- Led AI governance, compliance, and self-regulation efforts
- Worked closely with Head of Data Science to develop and enact strategic change
- Fostered new peer review and project sharing habits
- Created a suite of tools for managing models, including data preparation, evaluation, and deployment
- Acted as editor and content manager for public events and blog publishing

research quality ethics AI governance outreach culture team maturity mentoring strategy

SENIOR MACHINE LEARNING SCIENTIST

Dec '20 – Aug '22

- Designed and built models for recommendation and other modular systems
- Innovated evaluation methods for marketplace efficiency, stability, and fairness
- Collated institutional knowledge and provided clear framing and documentation for future work
- Proactively contributed to the team's culture of learning and knowledge sharing

design experimentation evaluation delivery interpretation project management technical writing

### Datatonic

*high-growth data consultancy*

MACHINE LEARNING CAPTAIN

Jul '19 – Jan '20

- Acted as an expert adviser to the data science team, to maintain high quality on projects
- Designed our graduate scheme with a curriculum covering data skills, theory, and personal development
- Developed codebase and resources to accelerate and standardize repeated work
- Launched and led “Bettertonic”, a successful team initiative championing ethics, good practice, and team health
- Orchestrated a two-day internal conference to build on the success of our weekly knowledge sharing

equipping training advocacy tooling community building outreach

MACHINE LEARNING RESEARCHER

Jul '18 – Jul '19

- Worked on data science projects for clients, implementing ML models and services on Google Cloud

consulting delivery innovation data science analytics MLOps engineering

### ZOA Robotics

*seed-round startup*

HEAD OF SOFTWARE

Oct '17 – Mar '18

### Anthesis (UK) Ltd

*sustainability consultancy*

ANALYST (TEMPORARY CONTRACT)

Mar '16 – Jul '16

### Oxford University

*chemistry department*

TUTOR, MATHS / PHYSICAL CHEMISTRY | TRINITY COLLEGE · ST PETER'S COLLEGE · LADY MARGARET HALL

Oct '14 – Jun '16

PART II AND DPHIL RESEARCHER WITH PROF A L GOODWIN, INORGANIC CHEMISTRY LABORATORY

Sep '13 – Dec '15

## Education

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### University College London

MSC COMPUTATIONAL STATISTICS AND MACHINE LEARNING

Sep '16 – Sep '17

### Oxford University

MCHEM CHEMISTRY (FIRST) | PART II THESIS PRIZE · P W ATKINS SCHOLAR · LORD CREWE SCHOLAR

Oct '10 – Jul '14

## Skills

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### TECHNICAL

**Data Science** Python (expert) · SQL · PyTorch · TensorFlow · SciPy stack · LLMs · APIs · MLOps

**Engineering** Packaging, distribution, and docs · OOP · Version control (Git) · CI/CD · Cloud computing

### NON-TECHNICAL

**Communication** Presenting and teaching · Facilitating groups · Listening · Engaging stakeholders

**Writing** Technical writing · Proposals · Summarization · Documentation · Educational content

**Collaboration** Project management · Mentoring · Cultural health · Advocacy · Inclusion and sharing

### GENERAL

**Problem solving** Identification · Decomposition · Abstraction · Discussion · Adaptation

**Design** Visuals · Conciseness · Attention · Messaging · Storytelling

## Presentation

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### Data Science Festival with Bumble

CONTENT MANAGER (INTERNAL & 3RD PARTY TALKS, PANEL HOST) | PUBLIC EVENTS AT BUMBLE OFFICES

'22 – '23

### Machine Learning Training by Datatonic

PRINCIPAL (CONTENT DEVELOPMENT & DELIVERY) | 20 FULL-DAY WORKSHOPS · GOOGLE ACADEMY

'18 – '19

### Google Machine Learning Kickstarter

TECHNICAL MENTOR | 3-DAY INTENSIVE PROGRAM FOR STARTUPS · GOOGLE CAMPUS

Sep '18

### Conference Talks

“SAMPLING METHODS IN TENSORFLOW” | TENSORFLOW WORLD · SAN FRANCISCO

Oct '19

“CELEBRATING DATASET DIVERSITY IN RECOMMENDER SYSTEMS” | DEEP LEARNING SUMMIT · LONDON

Sep '19

“MACHINE LEARNING – THE BIG PICTURE” | BROADCAST VIDEO EXPO · LONDON

Feb '19

## Career breaks

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### Sabbaticals (personal pursuits)

CONCURRENT WITH VOLUNTARY REDUNDANCY FROM BUMBLE

\* May '24 – present

CONCURRENT WITH COVID-19 PANDEMIC

Jan '20 – Dec '20

## Interests

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TRUMPET · ROAD CYCLING · BOARD GAMES · MUSIC THEORY · LINGUISTICS · PUBLIC TRANSIT · URBAN DESIGN  
DECARBONIZATION · SOCIOLOGY · PUBLIC MENTAL HEALTH · COMMUNITY BUILDING · EFFECTIVE COMMUNICATION