

# Sue Liu

Edinburgh, UK

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Experienced data science and machine learning professional skilled in leadership, product management and research. Currently leading a team of data scientists and machine learning engineers at UserTesting working on improving its two-sided marketplace. Proficient python programmer with in-depth knowledge of machine learning and practical experience in MLOps, AWS and building microservices. Research interests include Bayesian machine learning, probabilistic programming and NLP.

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## Experience

### *UserTesting*

#### **Machine Learning Engineering Manager**

Dec 2021 - Present

- *Lead an engineering team to build ML products*
- *Design and build data pipelines and microservices*
- *Manage a team of machine learning engineers and support stakeholder decision-making*

#### **Team Lead, Machine Learning Engineering**

Jul 2020 - Present

#### **Senior Machine Learning Engineer**

Dec 2019 - Dec 2021

### *Mudano*

#### **Senior Data Scientist**

May 2018 - Dec 2019

*Built machine learning features for the project management software Sharktower, including sentiment analysis and project modeller.*

### *sensewhere Limited*

#### **Computing Research Engineer**

May 2017 - Apr 2018

*Conducted machine learning research to solve indoor positioning problems using WiFi and sensor data.*

### *The Floom*

#### **Data Scientist**

Sep 2016 - May 2017

*Built machine learning capabilities in the Floom's scoring and risk prediction models.*

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#### **Post-doctoral Research Scientist**

*The University of Edinburgh*

Apr 2013 - Aug 2016

#### **Research Fellow in Mathematics**

*University of St Andrews*

Oct 2010 - Mar 2013

## Education

### University of Cambridge

Doctor of Philosophy (PhD), Applied Mathematics

2005 - 2009

### University of Cambridge

MMath, Mathematics

2004 - 2005

### Trinity College, University of Cambridge

BA Mathematics

2001 - 2004

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## Skills

Leadership, Product and people management

Machine Learning, Deep Learning, Mathematics

Python, SQL, Java

AWS, PostgreSQL, scikit-learn, Tensorflow, PyTorch

## Languages

English, Mandarin (Bilingual), German (Intermediate), Dutch (Beginner)