

# Daniel Jones

Cambridge, UK

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## Education

University of Cambridge

PhD in Computer Science (Natural Language Processing)

Oct 2018 – Sep 2022 | Cambridge, UK

Thesis: 'Efficient Methods for Large-Scale Language Model Training'

University of Edinburgh

MSc in Artificial Intelligence (Distinction)

Sep 2017 – Aug 2018 | Edinburgh, UK

Imperial College London

MEng in Computing (First Class Honours)

Oct 2013 – Jun 2017 | London, UK

## Work Experience

Research Scientist (NLP) | Apple | Nov 2022 - Present | Cambridge, UK

- Conducted research and development in core NLP areas including language modeling, machine translation, and text summarization.
- Developed and implemented novel deep learning models using PyTorch.
- Published research in top-tier AI/NLP conferences (ACL, EMNLP).
- Collaborated with engineering teams to integrate research prototypes into products.

## Skills

Programming: Python, C++, Java

Machine Learning: PyTorch, TensorFlow/Keras, Scikit-learn, Hugging Face Transformers

NLP: Large Language Models (LLMs), Transformers (BERT, GPT), Sequence-to-Sequence Models, Machine Translation, Text Classification, Named Entity Recognition (NER), Embeddings (Word2Vec, GloVe)

Tools: Git, Docker, Jupyter Notebooks, SLURM (HPC)

Cloud Platforms: AWS (SageMaker, EC2 basics), GCP (AI Platform basics)

Methodologies: Deep Learning Research, Experimental Design, Algorithm Development

Other Skills: Academic Publication, Statistical Methods, Linux

## **Certificates**

None typically specified at this level, focus on publications/experience

## **Awards**

Apple Scholar (PhD Fellowship - Hypothetical or similar)

Best Paper Award Nomination at EMNLP 2021