

Thomas Wood

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Professional profile

- Physics degree and many years of experience in computer science.
- International experience: several years in Spain and Germany and fluent command of French, German and Spanish.
- Several years' experience as a freelance translator.

Career summary

Director, Freelance Data Scientist and Translator – Futuri AI Ltd, London, UK	Apr 2018-present
<ul style="list-style-type: none">• I offer freelance services to international clients in data science and translation via my company Futuri AI Ltd.	
Data Scientist – CV Library, London, UK	Apr 2017-Mar 2018
<ul style="list-style-type: none">• UK's second largest job board, with 40% of UK labour force registered.• Developed recommender systems and machine learning systems.	
Computer Vision Scientist – Veridium, Oxford, UK	2015-2017
<ul style="list-style-type: none">• Developed biometric and face recognition software.• Localised software for Latin American Spanish.	
Knowledge Engineer / Pre-sales consultant – Artificial Solutions UK, Barcelona, Spain	2011-2015
<ul style="list-style-type: none">• Developed human-like dialogue systems for use on mobile and in consumer electronics.• Worked on localisation and translation of dialogue systems.• Clients in Germany/Austria/Switzerland.	
Solution architect – Pattern Science AG, near Frankfurt am Main, Germany	2009-11
<ul style="list-style-type: none">• Developed machine learning algorithms to analyse documents in English and German.• Monitored market sentiment using focussed web crawling.• Translation of marketing material from German to English.	
Freelance web design and translation	2008-09
<ul style="list-style-type: none">• Freelance translation from French and German to English for various translation agencies.• Translated book from French to English: <i>Communicating Embedded Systems: Networks Applications</i>, Wiley-ISTE, 2010.	
Research assistant – European Synchrotron Radiation Facility, Grenoble, France	2006

- Simulated X-ray scattering on atoms using Mathematica.

Research assistant – Center for Applied Mathematics and Theoretical Physics, Maribor, Slovenia

2005

- Publication: *Testing adiabatic invariance in separatrix crossing* (Robnik & Wood, 2006).

Education and qualifications

MPhil Computer speech, text and internet technology – University of Cambridge

2007-08

- Speech recognition/synthesis, linguistics, language modelling.
- Machine translation systems.
- Machine learning.
- Information retrieval and relationship extraction from unstructured text.
- Research project: pronoun resolution with semi-supervised machine learning.
- Final grade: 71.2% (pass mark: 55%).

MSc Physics, 1st class Hons. – University of Durham, UK

2003-07

- Research project: simulations of Raman scattering.

4 A Levels, 2 AS Levels – all at grade A (highest possible grade)

2003

- A Levels: Mathematics, Further Mathematics, Physics, Latin.

Further skills

Languages: Spanish (fluent), German (fluent), French (fluent). Mandarin (certified level HSK 2). Russian (conversational).

Computing: Python, Java, C++, C#. SDL Trados.