

# CURRICULUM VITAE: KATIE HOWE, MA

## CONTACT DETAILS

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Birmingham, UK

## SUMMARY

Freelance French to English translator specialising in scientific and technical documents. As a client, you will benefit from my experience in scientific research and publication, and my strong attention to detail. I work well to deadlines and ensure that all my translation and proof-reading projects are securely backed up daily.

## EDUCATION

- University of Birmingham:** PhD started September 2009, working on micro-tubular fuel cell production and stack design with the Department of Chemical Engineering.
  - Distinction in Levels 6, 7 and 8 (2010-2012) French at the Centre for Modern Languages
- University of Cambridge:** First Class Honours degree in Physics (Natural Sciences Tripos, BA, including modules in Chemistry, Materials Science and Mathematics in the first year; in the top 5% of marks)
- AEA:** Physics (Distinction)
- A-level:** Chemistry, Physics, Mathematics and Further Mathematics (all at Grade A)
- AS-level:** French and General Studies (both at Grade A)
- GCSE:** 9A\* grades including Physics and Maths, top five in the country for Chemistry, Latin and French

## ACADEMIC PUBLICATION AND PATENT HISTORY

- Howe, K.S., Hanifi, A.R., Kendall, K., et al., Int. Journal of Hydrogen Energy, 38 (2013) 1058-1067.
- Howe, K.S., Clark, E.R., Bowen, J. and Kendall, K; Int. Journal of Hydrogen Energy, 38 (2013) 1731-1736.
- Howe, K. S., Clark, E. R., UK Patent Application Number: 1107672.6. 2011.
- Howe, K. S., Kendall, K., ECS Transactions 2011, 35, (1), 419-423.
- Howe, K. S., Kendall, K., Journal of Fuel Cell Science and Technology 2011, 8, (3), 034502.
- Howe, K. S., Thompson, G. J. and Kendall, K., Journal of Power Sources 2011, 196, (4), 1677-1686.
- Howe, K.S. and Clarke, C.J., Monthly Notices of the Royal Astronomical Society, 2009. 392(1): p. 448-454.

## EXPERIENCE

### SEPTEMBER 2009 – PRESENT

#### PHD WITH INTEGRATED STUDY AT THE UNIVERSITY OF BIRMINGHAM

- Work on fuel cells with the Centre for Hydrogen and Fuel Cell Research, School of Chemical Engineering.
- A four-year Doctoral Training Centre programme including outreach activities and business modules.
- Two-month placement with SurveyCopter in France – preparation of a report on the potential of fuel cells for use with their unmanned aerial vehicles, translation of technical manual and translation-checking of website content and official letters.
- Invited talk: L'Utilisation des Piles à Combustibles dans le Domaine des UAV, EADS Cassidian, Elancourt, France
- Work on the successful "SUAV" FCH JU funding application (Grant agreement number: 278629)

### SEPTEMBER 2008 – 2009

#### BUSINESS ANALYST WITH CAPITAL ONE

- Financial analysis; working on valuations for the sub-prime credit card business.

## OTHER WORK EXPERIENCE

#### SALES ASSISTANT WITH ASYNT LTD.

- Office work relating to sales of laboratory equipment – communicating with customers to assess needs, order processing, producing marketing literature and training my replacement.

#### RESEARCH PLACEMENT AT THE INSTITUTE OF ASTRONOMY WITH PROFESSOR C.J. CLARKE

- Collation and analysis of data on binary star systems using the VizieR and Simbad databases.

#### PROOF-READING FOREIGN STUDENTS' DISSERTATIONS (SHEFFIELD HALLAM UNIVERSITY)

- This primarily involved correcting grammar and sentence structure in texts on various specialist subjects.

#### TEACHING ENGLISH AS A FOREIGN LANGUAGE

- One-to-one lessons focussing on spoken English, but also helping to improve writing and reading skills.

## REFERENCES AVAILABLE ON REQUEST