

Adam R. Symington

THEORETICAL CHEMIST · DATA SCIENTIST · PROGRAMMER

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Research Experience

Postgraduate Research, Computational Chemistry (Prof Stephen C.Parker)

Bath, England

PHD PROJECT: "THE EFFECT OF MICROSTRUCTURE AND IMPURITIES ON TRANSPORT IN ACTINIDE OXIDE FILMS"

October 2016 - March 2019

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Undergraduate Research, Computational Chemistry (Prof Stephen C.Parker)

Bath, England

MASTERS RESEARCH PROJECT: "CERIUM OXIDE NANOZYMES - A COMPUTATIONAL STUDY"

October 2015 - June 2016

- Part of an international collaboration between the University of Bath, Univeristy of Kent and the Univeristy of Central Florida.
- Resulted in a publication, Computer-Aided Design of Nanoceria as an Enzyme Mimetic Agent; a Prescription to Maximise its Activity, ACS Applied Bio Materials.
- This project and collaboration have continued into my PhD and a second publication is currently in preparation.

Collaborative Computational Projects 5 (CCP5) Summer Studentship

Bath, England

SUMMER STUDENTSHIP

June 2015 - October 2015

- Undergraduate studentship funded by CCP5 investigating heavy metal adsorption at clay surfaces.
- The project was presented at the 2015 annual CCP5 conference.