

SIMON ENGELKE

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Christ's College ◊ Cambridge CB2 3BU ◊ United Kingdom

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EDUCATION

University of Cambridge *October 2014*

EPSRC Centre for Doctoral Training in Graphene Technology

Cambridge Graduate Union, International Officer

Maastricht University *July 2014*

Bachelor in physics and chemistry, Honors programme

Masterclass in nanotechnology and nanomaterials

Scholarship by German National Academic Foundation (Studienstiftung)

Representative for 6800 international students in the Studentenraad Maastricht

Overall grade: 8.4, Cum laude

University of California, Berkeley *December 2013*

Semester abroad in Materials Science & Engineering

Overall GPA: 3.65

EXPERIENCE

Google May - August 2014

Google Summer of Code Participant

Europe

- Academic project in collaboration with Berkeley Lab and MIT
- Scientific search engine for solid-state synthesis
- Data extraction with python and NLP and search with Meteor and Mongo

Lawrence Berkeley National Laboratory January - April 2014

Research Assistant

Berkeley

- Dr. Kristin Persson Group, Materials Project, www.materialsproject.org
- In charge of project to extract experimental data out of journal publications in collaboration with Prof. Gerbrand Ceder, MIT

Lawrence Berkeley National Laboratory September - December 2013

Student Assistant

Berkeley

- Dr. Marca Doeff Group, Materials Sciences Division
- Synthesized a new anode material for sodium-ion batteries and computed voltage profile in collaboration with Prof. Marc Asta Group, UC Berkeley

Lindau Nobel Laureate Meeting June - July 2013

Panel speaker and writer Lindau Nobel Online Community

Lindau

- Spoke in a panel with Sir Harold Kroto, Brian Kobilka, Ada Yonath and Beatrice Lugger on "Why Communicate?" and wrote for lindau.nature.com

National Institute of Health August - September 2010

Special Volunteer

Bethesda

- Hands-on introduction to molecular virology, cell biology and immunobiology

SKILLS

Programming Languages Python, MongoDB, LaTeX, VASP, Java, Javascript
German (native), English (TOEFL: 111)