

Christain Olsen - Curriculum Vitae

Address 2326 West 12th Avenue,
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Date of Birth 23rd August 1988
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Nationality Danish



Education

2016- PhD in Physics - The Quantum Matter Institute, University of British Columbia
Advisor: Joshua A. Folk.

2013-2015 MSc in Physics - The Niels Bohr Institute, University of Copenhagen
Final project: *Quasi Particle Tunneling in the Fractional Quantum Hall Regime*.
Done at Center for Quantum Devices.
Advisor: Charles M. Marcus.

2010-2013 BSc in Physics - The Niels Bohr Institute, University of Copenhagen
Final project: *Measuring Fractional Quantum Hall Effect*.
Done at Center for Quantum Devices.
Advisor: Charles M. Marcus.

2009-2010 Adgangskursus - Technical University of Denmark
One year accelerated High school (University entrance level)

2005-2009 Electrical Apprentice - J&E Electric A/S
Awarded the Bronze Medal. The bronze medal is awarded to students that receive the highest grade for their final project.
Awarded the Massmannske Medal of Silver. The medal is awarded to students how do exceptionally well.
Received the following scholarships:
Kemp & Lauritzens Rejselegat.
TEC's Rejselegat.

2004-2005 Boarding School - Fårevejle Fri-& Efterskole

1995-2004 Elementary School (1th - 9th grade) - Østerhøjskolen

Employment History

2015-2016 Research Assistant - Quantum Devices Group, University of British Columbia

2015 Teacher - Ø10, Kildevældsskolen

Worked as a math teacher for a three month period, before moving to Canada. I was the primary math teacher for two 10th grade classes of 25 students each, plus two extra math classes.

2013 Research Assistant - Center for Quantum Devices, The Niels Bohr Institute

Worked in the lab during the summer. My work were primarily focused on low temperature, electrical measurements of nano structures fabricated on semiconductor materials.

2005-2009 Electrical Apprentice - J&E Electric A/S

The last two and a half years of my education, I were effectively working as a fully trained electrician, handling my own projects. These projects ranged from small one hour jobs to renovations of entire apartments.

Volunteering

2016- Electrician - Roskilde Festival

I'm in charge of the team (8-10 people) installing all electrical installations in the area called Volunteer's Village.

Scientific Papers

- Gate-induced Superconductivity in a Monolayer Topological Insulator, Science 362, 922 (2018).
- Direct Entropy Measurement in a Mesoscopic Quantum System, Nature Physics 14, 1083 (2018).

Language skills

Danish	Native speaker
English	Full professional proficiency
German	Elementary proficiency

Miscellaneous

2017- SBQMI Student Committee member

Chair in the 2018/2019 academic year.

2007-2013 Board member in Måløv Badminton Club

As a board member I handled day-to-day activities, but my primary job were to organize tournaments for the clubs players.