Petter Säterskog

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EDUCATION

CHALMERS UNIVERSITY & HONK KONG UST

MSc & MENG IN PHYSICS June 2013 | Gothenburg, SWE 1-Year exchange in HK GPA: 5.0 / 5.0

CHALMERS UNIVERSITY

BSc in Physics

June 2011 | Gothenburg, SWE GPA: 5.0 / 5.0

LINKS

WWW://petter.saterskog.com Github://KPWS LinkedIn://Petter Säterskog YouTube://PetterSäterskog Play Store://Cell Lab

COURSEWORK

POST GRADUATE

DRSTP Post-graduate School Brazil, Feb. 2015 Theoretical High Energy Physics DRSTP Post-graduate School Netherlands, March 2014 Statistical Physics and Theory of Condensed Matter Solvay Doctoral School Brussels, Paris, Amsterdam Aug-Dec 2013

GRADUATE

Advanced Mathematics Theoretical & Experimental Physics Mandarin Chinese History of Science

UNDERGRADUATE

Advanced Mathematics Theoretical & Experimental Physics Environmental Physics Communication in Science

SKILLS

Over 5000 lines:
Java • C++ • Python • ŁTŁX
Mathematica • Matlab
Environments/Tools:
Android • Linux • Arduino
OpenGL • OpenCL • Git

EXPERIENCE

INDEPENDENT APP DEVELOPMENT

June 2014 - | Spare time development

- Single-handedly designed, developed and published the free educational Android App "Cell Lab: Evolution Sandbox"
- So far 2 000 000 installs since April, 1, 2015.
- Currently ~10 000 installs/day
- Cumulative average rating for latest app version (74): 4.1 / 5.0

EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

CERN SUMMER STUDENT AT CMS-BRM

June - August 2012 | Geneva, Switzerland

- Development, installation and analysis of results of a Bonner-sphere neutron spectrometer in the CMS experimental cavern at the LHC.
- Participation in lectures about CERN experiments
- Participation in daily work by CMS-BRM
- Reference, Moritz Guthoff, moritz.guthoff@cern.ch, CMS-BRM

SUBATOMIC PHYSICS, CHALMERS UNIVERSITY OF TECHNOLOGY SUMMER EMPLOYMENT

July - August 2011 | Gothenburg, Sweden

- Continuation of Master thesis, Path integral Monte Carlo simulations of many-body quantum mechanics on GPUs
- Reference, Christian Forssén, christian.forssen@chalmers.se

SECTRA SECURE COMMUNICATIONS SUMMER EMPLOYMENT

June - August 2010 | Linköping, Sweden

- Development and programming of prototype for an encrypted video conferencing program.
- Reference, Jan Boguist, janbo@sectra.se

SAAB GROUP SUMMER EMPLOYMENT

Saab Corporate | June - July 2009 | Linköping, Sweden Saab Aerosystems | June - July 2008 | Linköping, Sweden

• Java and Matlab development

AWARDS

2000	10.	vvorid Final of the international blology Olympiad in Mullibal, india.
2008	2 nd	National High School Biology Competition of Sweden.
2008	2 nd	Final round of National High School Physics Competition of Sweden.
2008	7 th	National High School Programming Competition of Sweden.

2009 74th World Final of the International Pictory Olympiad in Mumbai India

SOCIETIES

2009	F6	Member of the physics students' union's social activity unit.
2009	Ph7	Chairman of one of the six societies all physics students belong to.