

Magnus Helmersson

Cirriculum Vitae

Education

Degree Programme in Engineering Physics

Royal Institute of Technology, Stockholm, Sweden

M.Sc.: Scientific Computing

Expected to Graduate in October 2014

2006 **Gymnasium, Natural Science Programme**

Forsmarks skola, Forsmark, Sweden

Specialisation: Energy Technology

Master Thesis (ongoing)

Work Title *Performance analysis and improvement of a P3M code*

Supervisor Michael Schliephake, PDC, KTH

Experience

June 2013 – **Support Engineer**

PDC Center for High Performance Computing, KTH, Stockholm

Helping people make the most out of PDC resources, including Lindgren, a Cray XE6 system with 1516 nodes and totally 36384 CPU cores.

- User support and monitoring of Linux clusters
- Keeping internal and external documentation up to date
- Installing software on the systems

Summers **Salesman, building materials**

2008–2012 *Beijer Byggmaterial, Östhammar*

- Cashier and warehouse
- Deliveries of construction material
- Driving forklift

Languages

Swedish **Native Language**

English **Fluent**

German **Novice**

Computer Skills

Languages C, Python, Matlab, HTML/CSS

Technologies MPI, OpenMP, Django, Shell scripting, \LaTeX , Git, Vim, Linux, Windows

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Hobbies

Music Production and sound system
Computers Linux, scripting and hardware

Driver's Licenses

- B, Swedish (Car)

References

Given upon request

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