

CURRICULUM VITAE

PERSONAL DETAILS

Name: Rongzhen Chen
Gender: Male
Date of Birth: August 04, 1983
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EDUCATION

KTH Royal Institute of Technology, Sweden Sept. 2009 – Sept. 2014 (expected)
Department of Materials Science and Engineering
Doctor of Philosophy in Multiscale Materials Modelling.

Projects: Implementation of Algorithm within Density Functional Theory (DFT) and DFT-based Simulations in Semiconductor.

Courses: Solid State Physics, Nanoscale Materials, Applied Thermodynamics.

Supervisors: Prof. Clas Persson and Prof. Börje Johansson.

Northeastern University, P. R. China Sept. 2008 – July 2009
College of Information Science and Engineering
Research Assistant in Control Theory and Control Engineering.

Northeastern University, P. R. China Sept. 2006 – July 2008
College of Information Science and Engineering
Master of Science in Measuring and Testing Technologies and Instruments.

Courses: Java, Matrix Analysis, Equation of Mathematical Physics.

Thesis: ANSYS-based Simulations in the Process of Continuous Casting.

Shenyang University of Technology, P. R. China Sept. 2002 – July 2006
College of Science
Bachelor of Science in Information and Computational Science.

Courses: C language, Data Structure, Numerical Analysis, Physics, Software Engineering.

Thesis: Qt-based application: Text Editor.

COMPUTER SKILLS

Programming Languages	Fortran, C Language, Java, Python, Bash, SQL
Softwares	Thermo-Calc, Matlab, Eclipse, Github, ANSYS, TotalView, Vim, Latex
Operating Systems	Windows, Linux, Mac
Others	Lapack and Blas Libraries, High Performance Computing, Parallel Programming

LANGUAGES

Chinese (Mother tongue), **English** (Fluent), **Swedish** (Beginner, still learning)

RESEARCH VISIT

Developers Week for Exciting code at the Humboldt Universität zu Berlin, (02 Dec. – 06 Dec. 2013)
The Group of Prof. Clas Persson at the University of Oslo in Norway (Apr. – Aug. 2012)
The Group of Prof. Claudia Ambrosch-Draxl at the University of Leoben in Austria (Oct. – Dec. 2011)
Introduction to High-Performance Computing, Sweden PDC-Summer School (2011)
Introduction to High Performance Computing, Finland CSC-Summer School (2011)

ACTIVITIES

PhD Student Representative at the Division (Oct. 2011 – Present).
The duty is to discuss all the issues regarding PhD students' interests.

Class President (Sept. 2002 – July 2006).
The duty is to resolve problems for students and report to the department, as well as leading class cabinet meetings and organizing activities and events.

AWARDS

Liaoning Provincial triple A Outstanding Student (2006)
Liaoning Provincial Outstanding class cadre (2006)