Pidong Hu Sofeware Developer (Cloud Computing or Big Data)

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LANGUAGE: Native Chinese, Second English(CET6)

EDUCATION

SEP.2011-PRESENT   *Candidate for Doctor of Science* in OPTICS
East China University of Science and Technology, Shanghai

SEP.2006-JUL.2010   *Bachelor of Science* in OPTICS
Ocean University of China, Qingdao

COMPUTER SKIILS

Expert in *C++*(*7000 lines of code*) for physical simulation.
Skilled in *MatLab* and *OriginLab* for data processing.
Skilled in *Emacs, Visual Studio, LaTeX*, and *Git*.
Skilled in *Parallel Computing theory*, skilled in *OpenMP, CUDA*, learning *OpecStack*.
Skilled in *Linux operating system*.
Skilled in *Python, C* and *Fortran* Language.
Familiar with *data structure, software design patterns* and *coding specification*.

SCIENTIFIC RESEARCH INNOVATIONS

MAR.2015-PRESENT | East China University of Science and Technology
- 2 papers submitted to SCI core journals

MAR.2014-FEB.2015 | Shanghai Institute of Optics and Fine Mechanics(*joint training*)
- Natural Science Foundation of China, No.1401331G00
- Develop simulation platform for *Laser-Molecule process*
- Publish 2 papers on *Optics Express* belonging to the *Optical Society of America*

SEP.2011-FEB.2014 | East China University of Science and Technology
- Natural Science Foundation of China, No. 11074263, No. 60921004, and No. 61308029
- Develop simulation platform for *Laser-Atom process*
- Publish 1 papers on *Optics Express* belonging to the *Optical Society of America*

SEP.2006-JUN.2010 | Ocean University of China
- Improve method to measure node of lens group and write paper(*the only academic paper of all department in undergraduate stage*)
- School Outstanding Thesis

SCHOLARSHIPS AND CERTIFICATES

Two times of Scholarship for Best Learning, School Outstanding Student
The Third Prize of School Graduate Paper Annual Meeting
Excellent assistant for *college physics course*
National Computer Rank Examination Certificate of C Language, Grade 2
Parallel Computing Technology Development Engineer Certificate

SELF-IDENTIFICATION

Strong ability to solve problems independently, with no lack of teamwork spirit.
Hard working, willing to learn and progress, quick learner.
A stable personality and high sense of responsibility.
Being optimistic, ready to help others.
Like mountain climbing, swimming, body building, playing badminton, running is my favorite.