

Shuai Chen

1633 Parker Avenue, Regina, SK, S4S 4R9

EDUCATION

- **Master of Applied Science, Petroleum Engineering**, September 2012 to Present
University of Regina, SK, Canada
- **Bachelor of Engineering, Petroleum Engineering**, September 2007 to July 2011
China University of Petroleum, China Ranked 26/523
- **Bachelor of Arts, English** September 2007 to July 2011
China University of Petroleum, China

HONORS & AWARDS

- Graduate Student Scholarship September 2012 to Present
- Science and Technology Innovation Scholarship 2009
- Honored as “Outstanding Student” 2008
- 2nd prize in Advanced Mathematics Competition 2008

PROFESSIONAL EXPERIENCE

Research Assistant, University of Regina, SK September 2012 to Present

- Conducted research on multiple wells large scale automatic history matching production data
- Compared advantages and disadvantages of traditional and modern optimization methods
- Programmed codes of Adaptive Simulated Annealing, Conjugate Gradient Method, Particle Swarm Optimization, Levenberg–Marquardt, BFGS for history matching problems
- Applied West Grid high performance computer clusters to do parallel computation

COMPUTER SKILLS

- Microsoft Windows, Unix, Linux
- Very good at Microsoft Office suite, such as Word, Excel-VBA and Access
- Highly skilled in programming languages C, C++, Fortran, Matlab and VB
- Use GDB to do debugging and compiling under Unix and Linux
- Parallel computation with Openmp

GRE TEST

Math: 170/170 Verbal: 158/170 Writing: 3.5