

Wei Rang

EDUCATION

Southern Illinois University Carbondale

2015-2017

Master of Computer Science

GPA: 4.0/4.0

Shandong Normal University

2009-2013

Bachelor of Engineering

GPA: 3.51/4.0

COMPUTER AND PROGRAMMING SKILLS

C/C++, Java, Oracle, SQL Server, MongoDB, Rational Rose, Linux, Matlab, R, Python

EXPERIENCE

Computer Science Department

UNCC

2017-Present

Research Assistant

- Researches on Cloud Computing, Distributed System and Parallel Computing, especially on memory management and non-volatile memory with GPU computation
- Teaching assistant of Computer Network class

Computer Science Department

SIUC

2015-2017

Research Assistant

- Parallelizing K-Means Clustering Algorithm with OpenMP and MPI
- Gene Network Statistical Analysis with R language
- Image Processing on Distribution Pattern of Plant Roots with Matlab
- File Sharing on Peer-to-peer Network with Java

Dareway Software Inc.

China

2013-2014

Software Engineer and Programmer

- Developing and maintaining an Intelligent Master Station for the State Grid with Java and Oracle.
- Developing a program for automatically acquiring addresses of energy meters, and deploying it in the State Grid to help analyze the running conditions of energy meters.

Qinlin No.1 Middle School

China

2013

Intern as Network Administrator

- Maintaining networks in the Network Department, installing operating systems, configuring networks, and recovering from various hardware and software failures.

Qilu Software Design Competition

China

2011

Database Administrator

- Electronic Map of Campus, developing API of the database, and designing tables, structures, and algorithms.

CERTIFICATES, HONORS AND AWARDS

- Graduate School Summer Fellowship, June 2018
- Certificate of Junior Software Engineer, November 2013
- Shandong Outstanding Graduate Awards, June 2013
- Shandong Normal University Outstanding Graduate Awards, May 2013
- National Encouragement scholarship, October 2012
- Shandong Normal University Outstanding Student Awards, December 2011
- Shandong Normal University Merit Scholarship, December 2010