Yaoxian Huang

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SUMMARY

Over 2 years working in multinational company (GE); over 4 years in atmospheric chemistry modeling (GEOS-Chem; CMAQ; SMOKE; MEGAN); global emission inventory; strong programming skills; expertise in Linux/Unix operation systems; server maintainer (manage disk drive and data storage for modeling research group).

EDUCATION

PhD Michigan Technological University, Environmental Engineering, 2014

MS East China University of Science and Technology, Environmental Engineering, 2009

BS East China University of Science and Technology, Environmental Engineering, 2006

WORK EXPERIENCE

Research Scientist   2008-2010

General Electric (GE) Global Research Center

- Develop technical solutions to solve environmental problems for clients;
- Conduct pilot scale experiments to validate the solution;
- Communicate and report results to clients;
- Maintain good relationship with clients.

COMPUTER SKILLS

- Numerical models: GEOS-Chem; CMAQ; SMOKE; MEGAN
- Programming languages: Fortran 77/90; C
- Software and operation systems: IDL; R; MatLab; Unix; Linux; Python; NCL; MS Word; MS Excel; MS Powerpoint

HONORS AND AWARDS

- MTU Doctoral Finishing Fellowship, 2014 Fall
- US NSF Early Career Scientist Travel Award, 2014 Summer
- MTU graduate teaching assistantship, 2013 Fall