

## Jianlin Wu

**Ph. D. Candidate**

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### Education:

Ph.D., Mechanical Engineering, University of Maryland, College Park, Expected Dec. 2003

M.S., Mechanical Engineering, Shanghai Jiaotong University, Shanghai, China, April 2000

B.S., Mechanical Engineering, Shanghai Jiaotong University, Shanghai, China, July 1997

### Skills:

Language	Chinese and English
Computer Languages:	C, C++, Visual Basic, MATLAB
Operating Systems:	UNIX, Windows NT
Software Tools:	ANSYS, AutoCAD, Cadence, EES, FEHT, FEMLAB, FLUENT, ICEPAK, MS Office, ProE,

### Working Experience:

**University of Maryland**, Graduate Research Assistant, 02/2001 – present

Work on research related projects. Current project is to design and test an industrialized prototype of EHD assisted condenser.

**University of Maryland**, Graduate Teaching Assistant, 02/2001 – present

ENME 232 Thermodynamics  
ENME 332 Transfer Processes  
ENME489K Special Topics in Mechanical Engineering: Environmental Energy Engineering

**Shanghai Jiaotong University**, Graduate Research Assistant, 1997-2000

Cryogenic system related project, including insulation, inner support design, FEA analysis for thermal and structural

## **Project Experience:**

- **EHD-Assisted Condenser Technology Demonstration Unit (TDU)**
- **STORM WATER SYSTEM HEAT EXCHANGE**
- **Study on Technology of Special LO<sup>2</sup> (Liquid Oxygen) Vessel**
- **16500 m<sup>3</sup> LNG Carrier**
- **Study on Desiccating Technology for Large Containers on LPG Carrier**
- **Study on Insulation System for Ethylene Tanker**

## **Honors & Activities:**

- Active Member of Champion Team of Intramural Outdoor Volleyball, May 2002
- Treasurer of ASHRAE Student Chapter at University of Maryland, College Park, Apr. 2001–now
- Scholarship Award from ASHRAE DC Chapter, Apr. 2002
- ASHRAE Annual Meeting, Atlantic City, NJ, Jan. 2002
- ASHRAE Annual Meeting, Cincinnati, OH, Jun. 2001
- Award of “Excellent Student” of SJTU, SJTU, 1997
- Consecutive Winner of Annual People’s Scholarship, SJTU, 1993-1997
- Member of SJTU Graduate Student Soccer Team, SJTU, 1998-2000 (2<sup>nd</sup> place in 1998, 3<sup>rd</sup> place in 1999 at Shanghai Graduate School Soccer League)
- Active Member of Department Basketball Team, SJTU, 1997-1999