HONGRUI LIU

Assistant Professor
Industrial and Systems Engineering
Davidson College of Engineering
San Jose State University
One Washington Square
San Jose, CA 95192
Email: hongrui.liu@sjsu.edu

RESEARCH INTERESTS:

Optimization and Modeling
Expert system and Artificial Intelligence
Data Analytics in Supply Chain Management
Scheduling, Dispatch and Pricing problems in Power Systems Management

EDUCATION BACKGROUND:

UNIVERSITY OF WASHINGTON, Seattle, WA, USA
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M.S., Industrial & Systems Engineering, 2004

HEBEI SCIENCE & TECHNOLOGY UNIVERSITY, Hebei, CHINA
B.S., Chemical Engineering, 1998

PROFESSIONAL BACKGROUND:

ASSITANT PROFESSOR,

Industrial and Systems Engineering, San Jose State University, San
Jose, USA (08/2017 - Present)

OPERATIONS RESEARCH CONSULTANT, Peritus Inc., TX, USA (09/2015 – 12/2017)

SYSTEMS ENGINEER – Power Market Operations, Alstom Grid, San Jose, CA/Redmond, WA,
USA (04/2010 - 08/2015)

SOFTWARE ENGINEER INTERN, AREVA T&D, Redmond, WA, USA (06/2009 - 12/2009,
01/2008 - 03/2008, 06/2007 - 09/2007)

GRANT EXPERIENCE:

- **PI** of Test/Research Market Clearing Systems for ISO New England, 2019. Awarded $55,264
- **PI** of Test/Research Market Clearing Systems for ISO New England, 2018. Awarded $54,670

- **Co-PI** of