

Chen Ye
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EDUCATION

Massachusetts Institute of Technology
School of Engineering & Sloan School of Management
M.S., System Design and Management

Cambridge, MA
Aug 2016 - June 2018

Harbin University of Science and Technology
B.E., Measurement-Control Technology and Instrumentation

Harbin, China
Sept 2003 - July 2007

EXPERIENCE

China ENFI Engineering Corporation (ENFI)

Beijing, China

The leading engineering firm in China's nonferrous metal and mining industry; subsidiary of China Metallurgical Group Corp., a Fortune Global 500 company merging into China Minmetals Corp.

Head of African Marketing Department, International Business Division

Jan - Aug 2016

- Started a subsidiary at Lubumbashi, D.R. Congo as an intrapreneur in the company
- Managed market development, project tracking, and bidding for projects in Africa; won project bids of \$5 million
- Promoted rapidly from an engineering position to the head of a distinct department
- Obtained certification as a senior engineer

Engineer, Automation Department, Electrical & Automation Division

Dec 2011 - Jan 2016

- Innovated almost 30 industrial automation techniques and obtained **24 national patents**; established the standard of control system in copper smelting
- Managed and coordinated solution design, development, implementation, data analytics and product delivery of plant automation projects, frequently served in the field, and acquired extensive client service management skills
- Provided engineering consulting service: requirement analysis, feasibility & risk study, preliminary plan and optimum solution of plant automation in China and Africa, and helped clients maximize efficiency and profit
- Led the Distributed Control System (DCS) design of the acid plant in Husab Uranium Mine in Namibia – the 4th largest uranium mine in the world, which is expected to reshape the supply pattern of nuclear material in the world
- Managed DCS implementation projects in China and Zambia simultaneously
- Headed a team of 20 design experts of various fields to serve in the field, and handled internal and external relationships in Yunnan Tin Copper Branch - the company's largest EPC project with investment of \$300+ million
- Awarded the company's highest individual prize in 2012, top 1%
- Rated as the company's Top 10 Field Engineer in 2012

Assistant Engineer, Automation Department, Design & Management Division

July 2007 - Nov 2011

- Initiated the automation of the CCS plant in Zambia - China's largest overseas investment in a copper smelter (over \$300 million), creating 1000+ jobs and reshaping the supply pattern of copper in Africa
- Accomplished the leading smelt furnace control system (first achieved by Chinese), which broke the technology monopoly and price-fixing of an Australian company and save \$2+ million in costs
- Transformed the technical result into the product, guided a team to achieve better application effect, and promoted adoption of innovative solutions in the Kunpeng Copper Smelter in Sichuan, after the 2008 Wenchuan Earthquake
- Awarded the 1st Prize of Science and Technology Award in 2010 and the 1st Prize of Engineering Design Award by China Nonferrous Metallurgical Industry Association in 2009

ADDITIONAL

- Published papers (indexed by EI) in journals of manufacturing, such as *International Journal of Manufacturing Tech and Mgmt*; reviewed papers for conferences on system and control, such as *American Control Conference*
- Organized donation of food and clothes to Zambian employees in the CCS plant, trained them in engineering; improved the friendship between Zambian residents and Chinese employees
- Enthusiastic about astronomy for 19 years; built the College Amateur Astronomer Club as the 1st President; organized events: outdoor observation, planetarium visits, tutoring school children in astronomy as volunteers, etc; granted Distinguished Amateur Astronomer Award by Harbin Amateur Astronomer Society in 2006
- Led the China Red Arrows Rescue; took training: running, climbing, and diving; fulfilled emergency rescue tasks
- Took leadership role in the Haiyan English Salon; volunteered to be an English tutor in the Do-See Language Camp
- Lived in Africa for over a year, and backpacked in 17 countries in Europe, Africa, Asia and North America