Yiming LI

Date of birth: 14th June 1993

Design and development engineer

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12 Rue de la Vallée,
92240 Malakoff, France

Work experience

➢ Mars 2017- : Kury Ingénierie, Nuclear engineering consultant, Paris
  Mars – Septembre 2019 : Test control for FA3 project, EDF CNEN

- Priority test control for I&C commands received by low voltage **electrical switchboards** in the nuclear island; calculating **thermal dissipation** of electrical switchboards by coding in VBA.

  Mars 2017 – Mars 2019 : Design of I&C systems for EPR2 project, EDF CNEN

- Stating requirements on safety-classified systems by studying international **nuclear safety** standards; designing I&C systems for EPR2 project by studying FA3 HPC TSN **I&C architecture;** conception of **actuator commands** structure and **priority management** logics among commands from different I&C systems; edition of **technical specification book**.

➢ October-November 2016 : Jolie Art Gallery, Interpreter, Shenyang

- **Chinese - English - French oral translation** for artists and visitors

➢ April-September 2016 : EDF R&D, Neutron engineering intern, Saclay
  Simulation of reactor core power imbalance with data assimilation method

- 3D modeling on **fuel rod deformation**, **power imbalance prediction** with EDF 3D neutron flux data, coding in **Python**, **core calculation** code COCAGNE and **data assimilation** method.

➢ January-June 2015 : DCNS & INSA, Design office intern, Rouen
  Modelisation of a nuclear sub-marine discharge line

- Modelisation of the **biphasic flow** in a discharge line between a steam generator and a condenser, programming in **Matlab**, fluid simulation in **AMESim**.

Education

➢ 2015-2016 National institute of nuclear science and technology (lNSTN), CEA, Saclay
Department : Atomic engineering

- Nuclear physics, physics of the reactor core, nuclear safety, functioning principal of nuclear power plants, thermo-hydraulics, instrumentation, nuclear fuel cycle;
- Neutronic simulation with **Apollo2** and **Tripoli 4** codes, thermo-hydraulic simulation with **CATHARE** simulator, nuclear accident simulation with **SOFIA** simulator.

➢ 2011-2015 National institute of science and technology (lNSA), Rouen
Department : Energy and Propulsion

- Fluid mechanics, thermal transfer, turbo-machines, materials science, automation;
- **Programming methods**, fluid simulation with AMESim and **OpenFOAM**.

Languages

Chinese	Native language
English	Fluent-IELTS 7/9 (2011) TOEIC 910/990 (2014)
French	Fluent-DALF C1 (2015)
German	Initiation

Hobbies

Travelling, jogging, table-tennis
Classic & jazz Piano
Music composition
Horse riding, board games