



**Aidin Teimouri**

## EDUCATION AND TRAINING

10/02/2026 – CURRENT Sydney, Australia

**PHD CANDIDATE, AI AND DATA-DRIVEN SYSTEMS** University of Technology Sydney

- multi-agent AI systems for sustainable smart cities
- data-driven modelling of occupant behaviour and building energy consumption
- reinforcement learning for demand response, load shaping and energy optimisation
- optimisation of decentralised energy resources such as solar, wind and hydrogen
- life-cycle assessment, electricity cost optimisation and environmental impact reduction

**Level in EQF** EQF level 8

21/02/2013 – 18/02/2016 Tehran, Iran

**MASTER OF SCIENCE, ENERGY SYSTEM ENGINEERING** K.N. Toosi University of Technology

- energy systems engineering and renewable energy systems
- simulation and modelling of energy systems
- energy harvesting, including piezoelectric-based energy harvesting
- energy consumption optimization and building energy modelling
- feasibility studies, economic analysis and optimization methods

**Level in EQF** EQF level 7

## SKILLS

cloud technologies | AWS - Lambda, ECS, EKS, S3, API Gateway, Serverless | Service Delivery