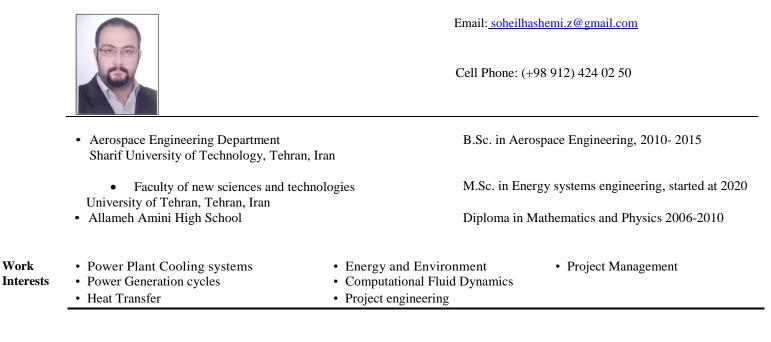
## Resume• OCT 2020 Soheil Hashemi



Honors • Being a Member of National Elite Foundation, Sep, 2009. and Awards

• Bronze Medal of Iran National Chemistry Olympia (among 40 top students)- Aug 2009

• Top 0.1% among more than 500'000 students in national university entrance exam- Jul. 2010

	system at Besat power plant for reducing water consumption (project manager)
	system at Desar power plant for reasoning water consumption (project manager)
٠	Research and Engineering for Construction of the Sahand Power Plant Supplementary Cooling SystemResearch and
	Engineering for Construction of the Shazand Power Plant Supplementary Cooling System (Thermal Power Plants
	Holding company, Ministry of enegy) (assistant project manager, project manager)
٠	Feasibility study of different solutions for replacement of wet cooling towers of Montazer Ghaem power plant to deal
	with water shortage and supervision of construction (Montazer Ghaem power plant)
•	Feasibility study of different solutions for replacement of wet cooling towers of Isfahan power plant to deal with
	water shortage in that area (Thermal Power Plants Holding company, Ministry of enegy)
٠	Engineering consulting services for determining optimum cycle design point parameters and selection and sizing of
	main cooling system of 4 combined cycle power stations of Mitsubishi and Marubeni (Thermal Power Plants Holding
	company, Ministry of energy)
•	Engineering consulting services for determining optimum cycle design point parameters and selection and sizing of
	main cooling systems of 5000 MW combined cycle power stations (Thermal Power Plants Holding company, Ministry
	of energy)
٠	Technical assessment of main cooling system of Shahid Montazeri power plant and providing enginnering solutions
	•

for improving system performance (Shahid Mohammad Montazeri power plant)		
Preparing technical offer documents for EPC tender of constructing hybrid wet-dry type cooling tower at Mofatteh		
power plant for reducing water consumption jointly with Hirbodan Management company		
• Design studies for dust collector system of steel factory in order to meet environmental regulation and standards		
(Foolad Paya company)		
• Design and performance analysis of different types of Industrial Heat Exchengers		
• Study of heat recovery system and combined cooling, heating and power generation systems		
• Study and selection of optimum system for increasing gas turbine power output via inlet air cooling (Abadan,		
Mahshahr)		
• Statistical Analysis of meteorological data for determining adequate design point and its effect on quality of power		
plant operation, TPPH (Iran Thermal Power Plant Holding)		
• study of power plant vacuum systems and computer simulation of steam ejector, Ghom power plant		
• Performance analysis of power plant air cooled condenser under various weather conditions, Ghom power plant		
• Computer simulation of complete power plant and performance analysis, Eslamabad power plant		

Working	Center of Advancement in Modern Energy System		
Experiences	Power plant projects expert		
	http://energytech.sharif.ir		

## Computer Skills • Technical Software: Fluent (excellent), Gambit (excellent), CFX (fair), HTRI (excellent), Thermoflow (excellent), Chemkin (fair), Gasturb (good), Solid Works (good), EES (fair), Tecplot (good)

2015-Up to now

- Mathematical Analysis: MATLAB® (good)
- **Programming Languages:** C++ (fair)
- Graphics: CorelDraw (fair)
- Languages Persian (Native Speaker)
  - English (Proficient)
  - Turkish (Proficient)
  - Arabic (Beginner)

References	Name	Title	Address	Phone and Email Address
	Masoud Darbandi	Professor	Sharif University of Technology, Tehran, Iran	Phone: (+9821) 66164644 Email: Darbandi@sharif.edu