

## CV

### 1. Full name and date

- Fatahi Valilai, Omid
- Male
- Feb 15<sup>th</sup>, 2021

### 2. Date and place of birth, citizenship, current residence, website URL

- May 20<sup>th</sup>, 1985, Karaj, Iran
- Iranian
- Germany, Bremen, 28759, Friedrichsdorfer Str. 17
- <http://ofatahival.user.jacobs-university.de/>

### 3. Education and degrees awarded

- Ph.D., Industrial Engineering, Sharif University of Technology, Manufacturing, Dec 2012

### 4. Other education and training, qualifications and skills

- M.Sc., Sharif University of Technology, Industrial Engineering (2009)
- B.Sc., Sharif University of Technology, Industrial Engineering (2007)

### 5. Linguistic skills

- Persian, Native
- English, Proficient
- Germany, Intermediate

### 6. Academic positions

- University Lecturer Industrial Engineering, Department of Mathematics & Logistics, Jacobs University Bremen gGmbH, 10/2019, Now
- Associate Professor, Sharif University of Technology, Industrial Engineering Department, 03/2019, 10/2019
- Assistant Professor, Sharif University of Technology, Industrial Engineering Department, 08/2013, 03/2019
- Vice president of graduate affairs, Sharif University of Technology, Industrial Engineering Department, 08/2015, 10/2019
- Project Manager, Sharif University of Technology joint national industrial projects with SAIPA automobile manufacturer ([link](#)), 07/2015, 06/2018

### 7. Scientific and societal impact of research

- ORCID: [0000-0001-7087-6946](https://orcid.org/0000-0001-7087-6946)
- Researcher ID: [E-6253-2018](https://www.researcherid.com/rid/E-6253-2018)
- Up to 31 ISI publications (details can be found [here](#))
- Up to 48 publications (details can be found [here](#))
- Scopus H-Index of 10 with total citation of 433
- Google Scholar H-Index of 14 with total citation of 668

### 8. Professional experience

- Shaparak Group (Blue Butterfly Experience Group) (September 2014- September 2018), Senior Consultant: Scaling up ([link](#))
- FANAP (April 2018- September 2018), Senior Consultant of FANAP ([link](#)) ERP (Enterprise Resource Planning) Project in MIDHCO Company ([link](#))
- ASEH Ltd (January 2012-now), Senior Consultant of Mesonic ERP solution ([link](#))
- ChashtPasand Corporation. (September 2011-January 2014), Senior consultant of the company president at ChashtPasand Corp, consisting of 3 major companies (annual turnover of 100 million \$) engaged in FMCG industries
- Solico Multinational Corporation (SOLICO Group). (February 2010-October 2011), Consultant of the company president and Chief Planning & Control officer at Solico Group, consisting of 15 major companies (annual turnover of 1 billion \$) engaged in FMCG industries: Dairy, Meat, Ice Cream, Beverage, Sauce ([link](#))
- Stockholder, SoIT Ltd., IT Company which belongs to Solico Multinational Corporation, (February 2010-October 2011)
- Parsian Information Architecture Ltd. (October 2008-September 2016), (Stockholder, Chief Executive Officer) Design and development of integrated manufacturing platform based on the STEP (ISO 10303) standard
- Zero and One Information Technology Ltd. (February 2007- July 2010), Project Manager of Iranian national project of deeds and properties organization information system (April 2009- July 2010) ([link](#))

### 9. Research funding as well as leadership and supervision

- Iranian National Foundation of Elites, Nominated Professor in Industrial Engineering, Industry 4.0,2017, one-year funding, 50,000 €
- Razi Vaccine and Serum Research Institute, ([link](#)), Strategic Planning, one year funding, 2015, 30,000 €
- Pasteur Institute of Iran, ([link](#)), Strategic Planning, 2014, one-year funding, 20,000 €
- Thesis Co-supervisory of 8 Ph.D. students
- Co-responsible of advance manufacturing laboratory, Industrial Engineering Department, Sharif University of Technology ([link](#))
- Students' supervisory of 5 Ph.D. students, 56 M.Sc. and 45 B.Sc. students (details can be found [here](#))

#### 10. Merits in teaching and pedagogical competence

- Conducting up to near 66 graduate course credits
- Conducting up to near 43 undergraduate course credits
- Planning and implementation of at least 5 graduate and undergraduate courses at the Department of Industrial engineering
- Academic treatment for advisory considering the high diversity of students based on [NACADA](#) reference system
- Academic treatment for course content and evaluation design based on [flipped classroom](#) model

#### 11. Awards, prizes and honors

- Special Issue Guest Editor ([link](#)), "Sustainability and Industry 4.0: New Perspectives for Opportunities and Challenges of Industry 4.0 Realization in Production Supply Chains in Sustainability Context", [Sustainability Journal](#), EISSN 2071-1050, Published by MDPI AG
- The Co-Chair for [21<sup>st</sup> IFAC 2020 World Congress](#) sessions:
  - o Manufacturing and Logistics Systems - Manufacturing Modeling for Management and Control
  - o Transportation and Vehicle Systems - Transportation Systems
- The best professor award in educational merits among Industrial Engineering Department faculty members through Fall 2016-Spring 2017 semesters, Sharif University of Technology
- The Teacher of the Year award in educational merits in 2020 for implementing virtual and online classes due to Corona pandemic, Jacobs University Bremen gGmbH
- The session chair for the 2020 IEEE International Conference on Industrial Engineering and Engineering Management:
  - o Big Data and Analytics
- Iranian National Foundation of Elites, earned funding as the young professor in Industry 4.0
- Member of conference committee and referee in 2nd Iranian Automation Conference, 2010, and 3rd Iranian Automation Conference, 2012
- Admitted for Ph.D. position at Department of Industrial engineering, Sharif university of technology (Top student award)
- Admitted for M.Sc. position at Department of Industrial engineering, Sharif university of technology (Top student award)

#### 12. Teaching portfolio

- Please refer to following links:  
<http://ofatahival.user.jacobs-university.de/teaching/>  
<http://ie.sharif.edu/~fvalilai/Courses.htm>



#### 13. List of Publications

- Please refer to following links:  
<http://ofatahival.user.jacobs-university.de/publication/>

