

# Tuba Ulusoy

## CV



[Scholar Profile](#)



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### EDUCATION

#### **Ph.D. in Industrial Engineering**

Konya Technical University, Turkey, 2024-present

#### **M.S. Industrial Engineering**

Necmettin Erbakan University, Turkey, 2014-2016

GPA: 92.43/100

Thesis: Solving Facility Layout Problem of an Elevator Automatic Door Production Plant (in Turkish)

#### **B.S. Industrial Engineering**

Erciyes University, Turkey, 2008-2012

GPA: 3.81/4.00, *Summa Cum Laude*

Ranked 1st in Industrial Engineering

Ranked 3rd in Faculty of Engineering

### STUDY ABROAD

Erasmus Student, Technical Management Department

The University of Debrecen, Hungary, 2011- 2012 Fall Semester

### EXPERIENCE

Research Assistant, Department of Industrial Engineering, Necmettin Erbakan University, Turkey, 2014 –present

Production Planning Engineer, MONDI Furniture Manufacturing Company, Turkey, 2012- 2013

### PRESENTATIONS at INTERNATIONAL SCIENTIFIC CONFERENCES

1. Çubukcu, A. Ulusoy, T. (2023). *Gamification in Crowdsourcing and Innovation Context: A Systematic Literature Review and Future Directions*, The 2nd International Conference on Entrepreneurship and Innovation Research (UGIAK 2023), Konya, Turkey.
2. Çubukcu, A., Akarçay, Ö., & Ulusoy, T. (2022, June). *Benefiting From Power of The Crowd: Contribution of Crowds to the Idea Evaluation Phase*. In 2022 IEEE 28th International Conference on Engineering, Technology and Innovation (ICE/ITMC) & 31st International Association for Management of Technology (IAMOT) Joint Conference (pp. 1-4). IEEE. (Full Paper)

3. **Ulusoy T.**, Ozturk G., *Reinforcement Learning for Scheduling*, 31st European Conference on Operational Research (EURO 2021), Athens, GREECE, July 11-14, 2021. (Abstract)
4. Yasar Boz E., Botsali A.R., **Ulusoy T.**, *A New Approach to Location Routing Problem: Capacitated Periodic Location Routing Problem with Inventory*, The International Symposium for Production Research (ISPR), Antalya, TURKEY, September 24-26, 2020. (Full Paper)
5. Yasar E., **Ulusoy T.**, *Extracting Value from the Big Data in Supply Chain: A review of applications*, 15th International Logistics and Supply Chain Congress (LMSCM 2017), Istanbul, TURKEY, October 19-20, 2017. (Full Paper)
6. **Ulusoy T.**, Yasar E., Aktan M., *Technological Unemployment and Industry 4.0: A discussion*, International Symposium on Industry 4.0 and Applications (ISIA 2017), Karabük, TURKEY, October 12-14, 2017. (Full Paper)
7. Yaşar E., **Ulusoy T.**, Aktan M., *Adoption of Industry 4.0: A Case of Manufacturing Firms in Turkey*, International Symposium on Industry 4.0 and Applications (ISIA 2017), Karabük, TURKEY, October 12-14, 2017. (Full Paper)
8. **Ulusoy T.**, Ates, F., Aktan M., *Demand Forecasting Methods in a University Dining Hall*, 3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2017), Konya, TURKEY, May 24-26, 2017. (Abstract)
9. **Ulusoy T.**, Aktan M., *Application of Ant Colony Optimization in Solving Facility Layout Problem of an Elevator Automatic Door Production Plant*, International Conference on Operations Research (OR 2016), Hamburg, GERMANY, August 30-September 2, 2016. (Abstract)
10. **Ulusoy T.**, Aktan M., *Asansör Otomatik Kapısı Üreten Bir İşletmenin Tesis Yerleşim Probleminin Çözümü* (In Turkish), 17th International Symposium on Econometrics, Operations Research and Statistics (ISEOS 2016), Sivas, TURKEY, June 2-4, 2016. (Full Paper)

## PUBLICATIONS

1. Çubukcu A., **Ulusoy T.**, Boz Yaşar E., *Crowdfunding and Open Innovation Together: A Conceptual Framework of a Hybrid Crowd Innovation Model*, International Journal of Innovation and Technology Management, 17(08), 2021.
2. **Ulusoy T.**, Yasar E., Aktan M., *Impact of Industry 4.0 Revolution on Science, Technology, and Society (STS): Challenges and Opportunities in the Industry 4.0 Era*, IGI Global, 2021. (Book Chapter in Research Anthology on Cross-Industry Challenges of Industry 4.0) (Reprinted in a different book by the publisher)
3. Yasar E., **Ulusoy T.**, *Industry 4.0 and Turkey*, Business & Management Studies: An International Journal, 7(1), 2019.
4. **Ulusoy T.**, Yasar E., Aktan M., *Impact of Industry 4.0 Revolution on Science, Technology, and Society (STS): Challenges and Opportunities in the Industry 4.0 Era*, IGI Global, 2019. (Book Chapter in Critical Issues Impacting Science, Technology, Society (STS), and Our Future.)

## PROJECTS

1. **Developing a Demand Forecasting Model for the University Dining Hall** (Supported by Necmettin Erbakan University, 2015-2016).
2. **Solving the Facility Layout Problem of an Elevator Production Plant** (Supported by Necmettin Erbakan University, 2015-2016)

## CERTIFICATES

1. *Python Course Certificate, Konya Metropolitan Municipality*, January 2024 ([here](#))
2. *Image Processing with Python Certificate, Konya Metropolitan Municipality*, September 2023. ([here](#))
3. *German Course Certificate, Konya Metropolitan Municipality*, October 2023 ([here](#))
4. *Six Sigma: Define and Measure Course Certificate, Technical University of Munich(TUM)*, August 2017. ([here](#))
5. *Supply Chain Analytics Course Certificate, Massachusetts Institute of Technology (MIT)*, MicroMasters Credential in Supply Chain Management, January 2017. ([here](#))
6. *Supply Chain Design Course Certificate, Massachusetts Institute of Technology (MIT)*, MicroMasters Credential in Supply Chain Management, August 2016. ([here](#))
7. *Supply Chain Fundamentals Course Certificate, Massachusetts Institute of Technology (MIT)*, MicroMasters Credential in Supply Chain Management, May 2016. ([here](#))

## SKILLS

**Technical:** GAMS, MINITAB, LaTeX

**Language:** ENGLISH (Intermediate)

## RESEARCH INTERESTS

Optimization, Hydrogen Supply Chain, Operations Research, and Supply Chain Management.

## GRANTS & AWARDS

**Summer school grant:** Delft University of Technology, The International Summer School on Planning and Scheduling, Netherlands, June 20-23, 2018.