

# Hakan Tek

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## PERSONAL PROFILE

An engineer who likes to develop algorithms and software. Developed projects with teammates in the fields of operation research and deep learning, resulting in a TUBITAK award. A paragliding pilot who likes to fly with the student club. A Lieferando biker who loves mountain biking.



## EDUCATION

- 2020 – Present      Production Engineering and Management, M.Sc.,  
Technische Hochschule Ostwestfalen-Lippe, Lemgo, Germany  
University of Trieste (Double degree), Pordenone, Italy
- 2014 – 2019      Industrial Engineering, B.Sc.,  
Izmir University of Economics, Izmir, Turkey (3.09)

## WORK EXPERIENCE

- Jan – Sep 2020      R&D Engineer (Full time) / Akar Textile, Izmir, Turkey  
Developed an open-source ERP software for production planning and control. See project here: [github.com/AkarTextile/erp4j.git](https://github.com/AkarTextile/erp4j.git)
- Apr – Dec 2019      Production Engineer (Full time) / Akar Textile, Izmir, Turkey  
Formulated the standard times in Cutting Department and determinate the operators' performances.
- Nov 2018 – Jun 2019      Project Engineering (Intern) / Philip Morris International, Izmir, Turkey  
Within the scope of the university graduation project, developed the number of defective products prediction model using machine learning algorithms. See project here: [github.com/hakanttek/SeniorProject.git](https://github.com/hakanttek/SeniorProject.git)
- Nov 2018 – Feb 2019      Assistant Teacher (Part time) / Izmir University of Economics, Izmir, Turkey  
Provided training for Excel to the students and the beginner staffs in Teaching and Learning Center. Developed an Excel macro for item analysis.
- Aug – Sep 2018      System Engineer (Intern) / Akar Textile, Izmir, Turkey  
Wrote a macro which optimally assigning the product models to the lines using Excel, VBA and Solver.
- Jun – Aug 2018      Production Engineer (Intern) / Hugo Boss, ESBAŞ, Izmir, Turkey  
Got training about production engineering and personal growth. Wrote a macro for optimally machine layout planning using Excel, VBA and solver.
- Jul – Sep 2017      Production Control Engineer (Intern) / Delphi Technologies, Izmir, Turkey  
Did an internship in the tugger system project.

## VOLUNTEERING EXPERIENCE

- Sep 2021 – Present      Buddy Student / TH-OWL, Lemgo, Germany  
Helping two incoming students to adapt to Germany.
- Oct 2017 – Oct 2018      Chairperson / IUE Aviation Club, Izmir, Turkey  
Launch the autonomous uav project. Paragliding trainings were organized.
- May – Sep 2016      Fundraiser / UNICEF, Izmir, Turkey  
Persuaded the people, who walk on the street, into being a supporter.

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## SKILLS

Vocational	IBM ILOG CPLEX Optimization Studio (Advanced), Excel & VBA (Advanced), EDS(Intermediate), SAP S/4 HANA (Beginner), Teamcenter (Beginner)
Programming	Java (Advanced), Python (Intermediate), C# (Intermediate), SQL (Intermediate), HTML & CSS (Beginner)
Language	Turkish (Native), English (Advanced), German (Intermediate)

## ACHIEVEMENT

Sep 2020	Encouragement Award – Akar Textile R&D Center
June 2019	Aegean Region Winner – TÜBİTAK 2242 Undergraduate Students Research Project Competition
June 2019	Paper Acceptance – 39 <sup>th</sup> Operations Research / Industrial Engineering National Congress

## CERTIFICATES

June 2019	39 <sup>th</sup> Operations Research / Industrial Engineering National Congress – Başkent University (3 Days)
Sep 2019	Teknofest – Republic of Turkey Ministry of Industrial (5 Days)
June 2018	Create Your Future, Design Thinking and Formation Future Vision Workshop – Hugo Boss (13 Hours)
June – July 2018	Object-oriented programming C# – Elginkan Foundation (80 Hours)
Mar 2018	12 <sup>nd</sup> MÜYAK – Anadolu University (3 Days)
Feb 2018	IndEx'18 – Koç University (3 Days)
Sep – Oct 2017	Advanced Excel Course – Elginkan Foundation (56 Hours)
Sep 2017 – Jan 2018	Kaizen, 5S Principles, Benchmarking and 6 Sigma Seminars – Elginkan Foundation (16 Hours)
Jan 2017	24 <sup>th</sup> ITU EMÖS – Istanbul Technical University (5 Days)
Mar 2016	Zirve'16 – Yaşar University (4 Hours)

## HOBBIES

Mountain biking, paragliding, swimming, escape game, crime fiction and science fiction.

## REFERENCES

Metin Üyük	Electronics Team Supervisor / Philip Morris International, Izmir, Turkey Office Phone: +90 (232) 488 73 24 Email: Metin.Uyuk@pmi.com
Asst. Prof. G. Reşat	Academician / Izmir University of Economics, Izmir, Turkey Office Phone: +90 (232) 488 84 65 Email: giray.resat@ieu.edu.tr
Hakan Sarper	Production Engineer / Hugo Boss, ESBAŞ, Izmir, Turkey Mobile: +90 533 331 31 13 Email: Hakan_Sarper@hugoboss.com