**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)

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)

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.

**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 – 39th Operations Research / Industrial Engineering National Congress

**CERTIFICATES**

June 2019 39th 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 12nd 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 24th 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

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