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Istanbul / Turkey



## Education

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### **Bachelor of Industrial Engineering, Marmara University, Istanbul/Turkey 2018 - present**

- As a graduation project I have developed a machine learning model for Turna.com to predict passenger ticket cancellation behavior, aiding in decision making in company's pricing strategy. ([See article](#))
- Secured 2<sup>nd</sup> place in 2020 and 1<sup>st</sup> place in 2021 in the university-wide Case Analysis Competition, advancing to the Industrial Engineering Society (EMT) 2021 Turkey Finals representing Marmara University Engineering Department. Subsequently achieved 2<sup>nd</sup> place among approximately 100 teams in the English Home Marmara University Case Analysis competition. (See certifications : [1](#), [2](#), [3](#), [4](#))
- GPA : 3.01 / 4.00

## Professional Experiences

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### **Founder, Konect Software Solutions, Bursa/Turkey 2024 Jan – present**

- Founded a sole proprietorship delivering custom website and web apps to meet client needs.
- Oversee overall management and backend web development tasks, while collaborating closely with a senior front-end developer and a mid-level marketing specialist, both engaged on a subcontractual basis for projects. ([Linkedin](#))
- Technologies used: *HTML, CSS, Javascript, Google Firebase, AWS, Python, AWS Lambda*

### **Software Engineer, Innoppia, Rotterdam/Netherlands 2023 July – present**

- Led software engineering efforts on a [Predictive Maintenance Driven Task Planning System](#).
- Designed, tested, and deployed the standalone Task Planner optimization model, integrating it into the FabMetrics IIoT platform as part of the EU-funded [AIPlan4EU](#) project over seven months.
- Managed project phases, including sprint reports, planning, architecture design, technical writing, research, and technical meetings.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, Amazon Web Services, DynamoDB, AWS Lambda, S3, EC2, IAM, Postman, VS Code, AWS API Gateway, Docker, unified-planning-library*.

### **Software Engineer Intern, Innoppia, Rotterdam/Netherlands 2023 April – 2023 July**

- Engaged in backend development tasks for the FabMetrics IIoT platform.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, Amazon Web Services, DynamoDB, AWS Lambda, S3, EC2, IAM, Postman, VS Code, AWS API Gateway*

### **Assistant IT Specialist, English Home, Istanbul/Turkey 2022 Aug – 2022 Oct**

- Developed internal business solutions in Python
- Automated repetitive tasks with scripting and generated data analysis reports.
- Participated in ABAP debugging and SAP operations for IT technical support.
- Technologies used: *Python, pandas, numpy, Git, Jupyter notebook, MSSQL, SQL, SAP*

### **Data Science Intern, Iletisim Yazılım, Bursa/Turkey 2021 July – 2021 Aug**

- Compiled comprehensive data analysis report on a worker time study data.
- Technologies used: *Python, pandas, numpy, matplotlib, tensorflow, Jupyter notebook*

## Other

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- 2021 March Higher Education Institutions Foreign Language Test (YÖKDİL) Score: 95/100 ([See certification](#))
- 2019 Work and Travel Experience at High Sierra Pools Maryland/USA as a full time Pool Operator / Life Guard
- Participated in various Erasmus+ project in EU and founded my own non profit youth organization Youth Palette