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## Education

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### ***Bachelor of Industrial Engineering, Marmara University, Istanbul/Turkey*** **2018 - 2024**

- 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 : 2.91 / 4.00

## Professional Experiences

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### ***Freelance Software Developer, Own Sole Proprietorship*** **2024 Mar – present**

- Delivered a complete web-based appointment scheduling platform within a 6-month timeline, including a main website and an admin panel for legal services, ensuring seamless functionality and integration between the client-facing website and admin panel.
- Main Website: Built an appointment scheduling system allowing users to book video, phone, or in-office consultations with attorneys. Integrated Google Meet APIs for video calls and iyzico for secure payment processing. Implemented user authentication, document upload, and an e-mail notification system. ([See website](#))
- Admin Panel: Designed an admin dashboard with distinct roles for administrators and attorneys. Admins manage appointments, client details, payments, blogs, and notifications. Attorneys can configure availability, appointment types, and manage their schedule. ([See website](#))
- Technologies used: *HTML, CSS, Javascript, Google Firebase, Google API's, Vue.js 3, TailwindCSS, AWS Lambda, API Gateway*

### ***Software Engineer, Innoppia, Rotterdam/Netherlands*** **2023 July – 2024 Mar**

- 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 – 2024 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*

## 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