



AYBERK SADIÇ

[linkedin.com/in/ayberksadic](https://www.linkedin.com/in/ayberksadic)

github.com/aysadic

Location: Tokyo, Japan

EDUCATION

| | |
|---|-----------------------|
| PhD Student <i>Mechanical Engineering</i> | Apr. 2022 – Now |
| Tokyo Institute of Technology, Mechanical Systems Design Laboratory | Tokyo, Japan |
| Master of Business Administration <i>GPA: 3.88</i> | Sep. 2019 – Feb. 2023 |
| Galatasaray University, Expected Graduation: Feb. 2023 | Istanbul, Turkey |
| Research Exchange Student <i>Suzumori-Endo Laboratory</i> | Sep. 2014 – Aug. 2015 |
| Tokyo Institute of Technology | Tokyo, Japan |
| Bachelor of Science <i>Mechanical Engineering</i> <i>GPA: 3.15</i> | Aug. 2010 – Jun. 2016 |
| Middle East Technical University | Ankara, Turkey |

WORK EXPERIENCE

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| Founder | Jan. 2018 – Feb. 2022 |
| Mekadermis LLC. | Istanbul, Turkey |
| <ul style="list-style-type: none">• Development of Novel Haptics Platform MIDAS Touch for Digital Touch Sensation on PCs and Mobiles• Haptics, Robotics, Electronics and Software Design Consultancy to Industrial Clients• Business Controlling, Assessing P&L and Corporate Performance, Identifying Business Drivers• Rapid Prototyping and Supervision of Design Iterations with SCRUM and Kanban• Facilitating Communications with Customer Company CEOs/Executives and Investment Fund Managers• Financial Planning of Long-Term and Short-Term Corporate Budgets• Periodic Presentations of Corporate Financial Statements and Projections to Investors and Other Parties | |
| Research & Teaching Assistant | Aug. 2016 – Jan. 2018 |
| Koç University - Robotics & Mechatronics Laboratory | Istanbul, Turkey |
| <ul style="list-style-type: none">• Conducted Research on Haptic Perception of 2D Shapes on Touch Screens for Blind• Lectured in Control Systems Design and Bachelor's Thesis Courses | |

PROJECTS AND RESEARCH

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|---|-----------|
| Effects of Financial Anxiety and Financial Literacy on Mental Accounting Processes | 2021-2023 |
| Master's Thesis - Galatasaray University | |
| Development and Testing of Piezo Electric Tactile Feedback Cells | 2019-2021 |
| Mekadermis - Corporate Project | |
| MIDAS Haptic Feedback Platform | 2018-2019 |
| Scientific and Technological Research Council of Turkey | |

CONFERENCES AND PRESENTATIONS

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| Exploration strategies for tactile graphics displayed by electrovibration on a touchscreen | |
| Sadia, B., Sadiç, A., Ayyildiz, M., & Basdogan, C. (2012) International Journal of Human-Computer Studies, 160, 102760. | |
| Haptic Perception of 2D Equilateral Geometric Shapes via Electro vibration on Touch Screen | |
| Sadiç, A., Ayyildiz, M., & Basdogan, C. (2017) 21st National Biomedical Engineering Meeting (BIYOMUT), i-iv. | |
| Development of a Human Trunk Exoskeleton with Pneumatic Artificial Muscles | |
| Sadiç, A., Ohno, A., & Suzumori, K (2015) JSME ROBOMECH 1A1-P01 | |

SKILLS

Languages: English (TOEFL IBT: 109/120), Japanese (Conversational), Turkish (Native)
Programming: Python, MATLAB, C/C++, SQL
Platforms: Git, Linux (Ubuntu, Kali), ROS, OpenCV, Windows, Raspberry Pi, Arduino, STM, ARM, XBee
Software: Autodesk Inventor, Fusion360, Solidworks, EAGLE, Anybody Modelling System, Optitrack Motive
Tech Skills: Biomechanics, Motion Capture, Haptics, 3D Printing, Statistics, Mechanical Design, PCB Design