



# AYBERK SADIÇ

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**Location:** Tokyo, Japan

**Date of Birth:** 11/11/1992

## EDUCATION

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

## WORK EXPERIENCE

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

## PROJECTS AND RESEARCH

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

## CONFERENCES AND PRESENTATIONS

<b>Exploration strategies for tactile graphics displayed by electrovibration on a touchscreen</b>	
Sadia, B., Sadiç, A., Ayyildiz, M., & Basdogan, C. (2012) International Journal of Human-Computer Studies, 160, 102760.	
<b>Haptic Perception of 2D Equilateral Geometric Shapes via Electrovibration on Touch Screen</b>	
Sadiç, A., Ayyildiz, M., & Basdogan, C. (2017) 21st National Biomedical Engineering Meeting (BIYOMUT), i-iv.	
<b>Development of a Human Trunk Exoskeleton with Pneumatic Artificial Muscles</b>	
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