

Marwa AlAlawi - CV

M.Sc. Candidate

MIT Mechanical Engineering Department

MIT Computer Science and Artificial Intelligence Lab

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Education

Massachusetts Institute of Technology, Cambridge, MA

2021- Present

M.Sc. in Mechanical Engineering

MIT Mechanical Engineering Department

MIT Computer Science and Artificial Intelligence Lab

Advisor: Professor Stefanie Mueller

Massachusetts Institute of Technology, Cambridge, MA

2016 - 2020

B.Sc. in Mechanical Engineering

MIT Mechanical Engineering Department

Additional Coursework in EECS

Advisor: Dr. Brian Anthony

Publications

- [1] **M. AlAlawi**, “Design of a Virtual Environment for Physiological and Subjective Monitoring of User Presence in VR,” B.Sc. thesis, Massachusetts Institute of Technology, May 2020

Research Internships

Device Realization Group , MIT Mechanical Engineering

2019-2020

Undergraduate Research Assistant

Advisor: Dr. Brian Anthony

Personal Robots Group, MIT Media Lab

2019

Undergraduate Research Assistant

Advisor: Professor Cynthia Breazeal

MIT Biomimetics Lab , MIT Mechanical Engineering	2017
Undergraduate Research Assistant	
Advisor: Professor Sangbae Kim	

Work Experience

REACT NEURO , Cambridge, MA, USA	2020-2021
Virtual Reality Experience Designer, supervisor: Dr. Shaun Patel	
GREE , Tokyo, Japan	2018
XR Intern, Supervisor: Ken Watanabe	
Universal Studios Japan , Osaka, Japan	Postponed

Teaching Experience

Teaching Assistantship

[4]	2.009	Product Engineering Processes , MIT	Fall 2020
[3]	2.00b	Toy Product Design , MIT	Spring 2020
[2]	Bootcamp	MehtA+ Introduction to ML , MehtA+	Summer 2020
[1]	8.01	Mechanics , MIT	Fall 2017

Co-instructing

[1]	MISTI	MIT International Science & Tech Initiative , Jordan	Winter 2020
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Shop Training

MIT Makerworkshop	Student Machine Shop Mentor , MIT	2019- Present
MIT Makerlodge	Student Machine Shop Mentor , MIT	2017-1028

Invited Talks

CleverPlay , The STEMCast , <i>Mechanical Engineering Through HER Eyes</i> , hosted by Latifa AlKhalifa	2021
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The National Space Science Agency, NSSA Symposium, *Women in STEM: Investigating Space Through Virtual Reality*, hosted by Latifa AlKhalifa 2021

The Hill Editorial, *Aspiration and Resilience: The New Space Age*, hosted by Steve Clemons and Embassy of the United Arab Emirates 2021

MIT, MIT Nano Explorations, *Design of a Virtual Environment for Physiological and Subjective Monitoring of User Presence in VR*, hosted by Dr. Brian Anthony 2020

University of Bahrain, UOB Pep Talks, *KanKan: Kanji to Katakana Physical OCR Translator*, hosted by The English Language Center (ELC) 2019

Awards

Crown Prince International Scholarship, Bahrain 2014 - Present
Pi Tau Sigma (PTS) Mechanical Engineering Honor Society, MIT

References

Professor Stefanie Mueller

Associate Professor
EECS/ MechE
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Dr. Brian Anthony

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Professor David Wallace

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