

# Marwa AlAlawi - CV

M.Sc. Candidate

MIT Mechanical Engineering Department

MIT Computer Science and Artificial Intelligence Lab

32 Vassar Street, Cambridge, MA 02139 USA, Room 32-211

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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

<b>MIT Biomimetics Lab</b> , MIT Mechanical Engineering	2017
Undergraduate Research Assistant	
Advisor: Professor Sangbae Kim	

## Work Experience

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

## Teaching Experience

### Teaching Assistantship

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

### Co-instructing

[1]	<b>MISTI</b>	<b>MIT International Science &amp; Tech Initiative</b> , Jordan	Winter 2020
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### Shop Training

MIT Makerworkshop	<b>Student Machine Shop Mentor</b> , MIT	2019- Present
MIT Makerlodge	<b>Student Machine Shop Mentor</b> , MIT	2017-1028

## Invited Talks

<b>CleverPlay</b> , <b>The STEMCast</b> , <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 Seminar Series, *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  
MIT  
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### **Dr. Brian Anthony**

Principal Research Scientist  
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### **Professor David Wallace**

Professor  
MechE  
MIT  
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