

# 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

<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
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## Teaching Experience

### Teaching Assistantship

[5]	<b>2.00b</b>	<b>Toy Product Design</b> , MIT	Spring 2022
[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	2017-2028

## Mentoring

All students are co-advised by Professor Stefanie Mueller

### Undergraduate Research Assistants (UROP)

[5] Wilhelm Schoeman	2022	[1] Andrew Doan	2022
[4] Shanti Mickens	2022		
[3] Lleyton Elliott	2022		
[2] Benjamin Owen-Block	2022		

## Invited Talks

**MIT, MISTI Alumni Career Panel, *Career, Culture and Language Barriers***, hosted by Eduardo Rivera 2021

**CleverPlay, The STEMCast, *Mechanical Engineering Through HER Eyes***, hosted by Latifa AlKhalifa 2021

**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  
MIT  
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## **Dr. Brian Anthony**

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

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