# Yunyi Zhu - CV

Ph.D. Candidate
MIT Electrical Engineering & Computer Science Department
MIT Computer Science and Artificial Intelligence Lab
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## Education

**Massachusetts Institute of Technology**, Cambridge, MA                    2021 - now
Ph.D. in Computer Science
MIT EECS Department
Advisor: Stefanie Mueller

**Massachusetts Institute of Technology**, Cambridge, MA                    2020 - 2021
MEng. in Computer Science
MIT EECS Department
Advisor: Stefanie Mueller

**Massachusetts Institute of Technology**, Cambridge, MA                    2016 - 2020
S.B. in Computer Science and Engineering
MIT EECS Department
Minor in Design
Advisor: Stefanie Mueller

## Publications

[4]     Jiani Zeng*, Honghao Deng*, **Yunyi Zhu***, Michael Wessely, Axel Kilian and Stefanie Mueller. Lenticular Objects: 3D Printed Objects with Lenticular Lens Surfaces that Can Change their Appearance Depending on the Viewpoint. In *Proceedings of ACM UIST 2021*. [* equal contribution]

[3]     Junyi Zhu, **Yunyi Zhu**, Jiaming Cui, Leon Cheng, Jackson Snowden, Mark Chounlakone, Michael Wessely and Stefanie Mueller. MorphSensor: A 3D Electronic Design Tool for Reforming Sensor Modules. In *Proceedings of ACM UIST 2020.*

[2]     Junyi Zhu, Lotta-Gili Blumberg, **Yunyi Zhu**, Martin Nisser, Ethan Levi Carlson, Xin Wen, Kevin Shum, Jessica Ayeley Quaye, and Stefanie Mueller. CurveBoards: Integrating Breadboards into Physical Objects to Prototype Function in the Context of Form. In *Proceedings of ACM CHI 2020.*

[1]     Mustafa Doga Dogan, Ahmad Taka, Michael Lu, **Yunyi Zhu**, Akshat Kumar, Aakar Gupta, Stefanie Mueller. InfraredTags: Invisible AR Markers & Barcodes Using Low-Cost, Infrared-Based 3D Printing & Imaging Tools. In *Proceedings of ACM CHI 2022*.

# Conference Service

**Reviewer**

| | |
|---|---|
| ACM UIST | 2022 |
| ACM TEI | 2021 |
| ACM SCF | 2022 |
| ACM C&C | 2022 |
| ACM CHI EA | 2022 |

**Student Volunteer**

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| ACM CHI | 2022 |

# Research Internships

**Kawahara Lab**, The University of Tokyo                    2022
Visiting Graduate Student
Advisor: Koya Narumi

**Software Design Group**, MIT CSAIL                    2019 - 2020
Undergraduate Research Assistant
Advisor: Daniel Jackson

**HCI Engineering Group**, MIT CSAIL                    2018 - 2019
Undergraduate Research Assistant
Advisor: Stefanie Mueller

**MIT Game Lab**, MIT Media Lab                    2017
Undergraduate Research Assistant
Advisor: Philip Tan

# Industry Experience

**Mayflower Venues**, Charlestown, MA                    2018
Web Development Intern, supervisor: Wesley Ripley

**Lark Health,** Mountain View, CA                    2018
Software Engineering Intern, supervisor: Jeff Zira

# Awards

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| Jacobs Presidential Fellowship, MIT EECS | 2021 |
| EECS Licklider Best Undergraduate Research Award, MIT EECS | 2021 |
| Best SuperUROP Award, MIT EECS | 2019 |
| Leiserchess Performance Engineering Award, MIT 6.172 | 2018 |

# Mentoring

**Research Project Students**

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|---|---|---|
| [1] | Grace Tang | 2021-2022 |
| [2] | Luca Musk | 2022 |
| [3] | Kyle Heinz | 2022 |
| [4] | Angelina Zheng | 2022 |
| [5] | Yixiao Kang | 2022 |

# Teaching Assistantship

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|---|---|---|
| **6.033** | **Computer Systems Engineering**, MIT | 2020, 2021 |
| **6.046** | **Design and Analysis of Algorithms**, MIT | 2020 |