

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: Professor Stefanie Mueller

Massachusetts Institute of Technology, Cambridge, MA

2020 - 2021

MEng. in Computer Science

MIT EECS Department

Advisor: Professor Stefanie Mueller

Massachusetts Institute of Technology, Cambridge, MA

2016 - 2020

S.B. in Computer Science and Engineering

MIT EECS Department

Minor in Design

Advisor: Professor Stefanie Mueller

Publications

- [1] Jiani Zeng*, Honghao Deng*, **Yunyi Zhu***, Michael Wessely, Axel Kilian and Stefanie Mueller. 2021. Lenticular Objects: 3D Printed Objects with Lenticular Lens Surfaces that Can Change their Appearance Depending on the Viewpoint. In *Proceedings of the 34rd Annual ACM Symposium on User Interface Software and Technology* (UIST '21). ACM.
- [2] Junyi Zhu, **Yunyi Zhu**, Jiaming Cui, Leon Cheng, Jackson Snowden, Mark Chounlakone, Michael Wessely and Stefanie Mueller. 2020. MorphSensor: A 3D Electronic Design Tool for Reforming Sensor Modules. In *Proceedings of the 33rd Annual ACM Symposium on User Interface Software and Technology* (UIST '20). ACM.
- [3] Junyi Zhu, Lotta-Gili Blumberg, **Yunyi Zhu**, Martin Nisser, Ethan Levi Carlson, Xin Wen, Kevin Shum, Jessica Ayeley Quay, and Stefanie Mueller. 2020. CurveBoards: Integrating Breadboards into Physical Objects to Prototype Function in the Context of

Form. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). ACM.

- [4] Junyi Zhu, Lotta-Gili Blumberg, **Yunyi Zhu**, Martin Nisser, Ethan Levi Carlson, Xin Wen, Kevin Shum, Jessica Ayeley Quaye, and Stefanie Mueller. 2020. CurveBoards Demo: Integrating Breadboards into Physical Objects to Prototype Function in the Context of Form. In *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI EA '20). ACM.

Conference Service

Reviewer

ACM TEI 2021

Research Internships

HCI Engineering Group, MIT CSAIL 2020 - now
Graduate Research Assistant, MIT EECS
Advisor: Professor Stefanie Mueller

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

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

MIT Game Lab, MIT Media Lab 2017
Undergraduate Research Assistant, MIT Media Lab
Advisor: Professor 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

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

[1]	Grace Tang	2021
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Teaching Assistantship

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