

# JIAHAO LI

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## EDUCATION

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**University of California, Los Angeles (UCLA)**

Sep. 2017 - Present

*Ph.D. Student in Mechanical Engineering*

**Shanghai Jiao Tong University, China (SJTU)**

Sep. 2013 - Jun. 2017

*B.S. in Naval Architecture and Ocean Engineering*

## PROFESSIONAL EXPERIENCE

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**PARC, A Xerox Company**

Jun. 2019 - Sep. 2019

*Research Intern, Mentored by Erva Ulu and Nurcan Ulu*

*Palo Alto, CA*

**DMAI, Inc**

Jun. 2018 - Jun. 2019

*Hardware Engineer*

*Los Angeles, CA*

## PUBLICATIONS

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### Conference Full Paper

[C1] **Jiahao Li**, Jeeun Kim, Xiang ‘Anthony’ Chen. Robiot: A Design Tool for Actuating Everyday Objects with Automatically Generated 3D Printable Mechanisms. *Proc. ACM UIST 2019. Acceptance Rate: 24.4%.*

### Papers in Extended Abstracts (Posters, Demos, and Work-in-progress)

[EA1] **Jiahao Li**, Jeeun Kim, Xiang ‘Anthony’ Chen. Robiot: A Design Tool for Actuating Everyday Objects with Automatically Generated 3D Printable Mechanisms. *Demo in ACM UIST 2019.*

### Conference and Workshop Presentations without Proceedings

[CP1] Ruolin Wang, Yuqi Tang, Hsuan Wei Fan, **Jiahao Li**, Xiang ‘Anthony’ Chen. AuxiScope: Improving Awareness Surroundings for People with Tunnel Vision *UIST Student Innovation Competition, October 2019.*

## SELECTED PRESS COVERAGE

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### Robiot

- *Turn any object into a robot using this program and a 3D printer.* **New Scientist**, Nov. 2019
- *Robiot Is a Design Tool That Generates Mechanisms to Motorize Everyday Objects.* **Hackster News**, Nov. 2019
- *Robiot Can Automatically Design Handy Household Machines.* **Fabbaloo**, Nov. 2019

## PROFESSIONAL SERVICE

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### Program Committee

- ACM CHI '20 Late Breaking Works (Associate Chair)

### Reviewer

- ACM UIST '20