

## EDUCATION

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<b>Stanford University</b> Ph.D. in Computer Science Advisors: Silvio Savarese and Leonidas Guibas	Stanford, CA 2018–Current
<b>Stanford University</b> B.S. with Honor in Computer Science, GPA: 4.0/4.0 Advisors: Silvio Savarese and Leonidas Guibas	Stanford, CA 2014–2018

## PUBLICATIONS

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- [1] **B. Shen\***, F. Xia\*, C. Li\*, R. Martín-Martín\*, L. Fan, G. Wang, S. Buch, C. D’Arpino, S. Srivastava, L. P. Tchapmi, *et al.*, “iGibson, a Simulation Environment for Interactive Tasks in Large Realistic Scenes”, *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2021)*, 2021.
- [2] F. Xia, **B. Shen**, C. Li, P. Kasimbeg, M. E. Tchapmi, A. Toshev, R. Martín-Martín, and S. Savarese, “Interactive Gibson Benchmark: A benchmark for interactive navigation in cluttered environments”, *IEEE Robotics and Automation Letters*, vol. 5, no. 2, pp. 713–720, 2020.
- [3] **B. Shen**, D. Xu, Y. Zhu, L. J. Guibas, L. Fei-Fei, and S. Savarese, “Situational fusion of visual representation for visual navigation”, in *Proceedings of the IEEE International Conference on Computer Vision*, 2019, pp. 2881–2890.
- [4] A. R. Zamir, **B. Shen\***, A. Sax\*, L. J. Guibas, J. Malik, and S. Savarese, “Taskonomy: Disentangling task transfer learning”, in *Proceedings of the IEEE conference on computer vision and pattern recognition*, 2018, pp. 3712–3722.
- [5] A. R. Zamir, T.-L. Wu, L. Sun, **B. Shen**, B. E. Shi, J. Malik, and S. Savarese, “Feedback networks”, in *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition*, 2017, pp. 1308–1317.
- [6] K.-H. Zeng, **B. Shen**, D.-A. Huang, M. Sun, and J. Carlos Niebles, “Visual forecasting by imitating dynamics in natural sequences”, in *Proceedings of the IEEE International Conference on Computer Vision*, 2017, pp. 2999–3008.

## EXPERIENCES

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<b>Nvidia AI-Algorithm Research</b> Research Intern with Yuke Zhu, Christopher Choy, Anima Anandkumar	Santa Clara, CA 06/2021-12/2021
<b>Stanford Geometric Computation Group</b> Graduate Research Assistant with Prof. Leo Guibas	Stanford, CA 03/2021-present
<b>Stanford Vision and Learning Lab</b> Graduate Research Assistant with Prof. Silvio Savarese	Stanford, CA 09/2019-present
<b>Stanford Geometric Computation Group</b> Graduate Research Assistant with Prof. Leo Guibas	Stanford, CA 12/2018-04/2019
<b>AiBee Inc.</b> Research Intern with Prof. Silvio Savarese	Palo Alto, CA 06/2018-09/2018

**Stanford Vision and Learning Lab**  
Undergraduate Research Assistant with Prof. Silvio Savarese

Stanford, CA  
08/2016-06/2018

**Google Inc.**  
Software Engineering Intern with Madhu R. Adupala

Mountain View, CA  
06/2016-09/2016

## SCHOLARSHIPS AND AWARDS

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- **IEEE-CVPR 2021 Outstanding Reviewer** 2021
- **Outstanding Course Assistants** 2020  
*top 5% of Stanford CS department course assistants*
- **Qualcomm Innovation Fellowship** 2019  
*26 students in total in North America, \$100k fellowship*
- **IEEE-CVPR 2018 Best Paper Award** 2018  
*Taskonomy: Disentangling Task Transfer Learning*
- **Frederick Emmons Terman Engineering Scholastic Award** 2018  
*top 5% of entire engineering graduating class*
- **Stanford University Computer Science Departmental Honor** 2018
- **Stanford University Distinction** 2018
- **Tau Beta Pi Honor Society, Stanford University** 2017

## TEACHING

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- **Head Teaching Assistant** at Stanford University Spring 2020  
*CS231n: Convolutional Neural Networks for Visual Recognition*
- **Teaching Assistant** at Stanford University Spring 2019  
*CS231n: Convolutional Neural Networks for Visual Recognition*

## SERVICES

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- **Reviewer:** CVPR, ICCV, ECCV, AAAI
- **Outstanding Reviewer:** CVPR 2021