

Education	<b>University of California, Berkeley</b> <b>Ph.D., Computer Science</b> Advisers: Pieter Abbeel, Sergey Levine. August 2016 - Present.
	<b>B.A., Computer Science</b> GPA: 4.00 (Highest Distinction). August 2012 - May 2016.
Research	<b>University of California, Berkeley</b> <b>Graduate Student Researcher</b> Berkeley Artificial Intelligence Research (BAIR) Lab. August 2016 - Present.
	<b>Undergraduate Researcher</b> UC Berkeley Robot Learning Lab (RLL). January 2014 - August 2016.
Teaching	<b>University of California, Berkeley</b> <b>Course Instructor</b> Structure and Interpretation of Computer Programs (CS 61A). Summer 2016.
	<b>Teaching Assistant</b> Introduction to Machine Learning (CS 189/289A). Spring 2016.
	<b>Teaching Assistant</b> Introduction to Artificial Intelligence (CS 188). Fall 2015.
	<b>Teaching Assistant</b> Structure and Interpretation of Computer Programs (CS 61A). Spring 2014, Fall 2014, Spring 2015.
Awards and Fellowships	<b>NDSEG Fellowship</b> , September 2017 - Present. <b>NSF Fellowship</b> , Declined. <b>UC Berkeley EECS Departmental Fellowship</b> , August - December 2016. <b>UC Berkeley Outstanding Graduate Student Instructor Award</b> , May 2016. <b>UC Berkeley EECS Warren Dere Design Award</b> , April 2016. <b>CRA Outstanding Undergraduate Researcher Honorable Mention</b> , December 2015. <b>UC Berkeley EECS Honors Degree Program</b> , August 2014 - May 2016.

## Publications

**Marvin Zhang\***, Sharad Vikram\*, Laura Smith, Pieter Abbeel, Matthew Johnson, Sergey Levine.  
**SOLAR: Deep Structured Latent Representations for Model-Based Reinforcement Learning.**  
arXiv Preprint. arXiv 1808.09105.

Yevgen Chebotar\*, Karol Hausman\*, **Marvin Zhang\***, Gaurav Sukhatme, Stefan Schaal, Sergey Levine.  
**Combining Model-Based and Model-Free Updates for Trajectory-Centric Reinforcement Learning.**  
ICML 2017. Best paper award at the RSS Workshop on New Frontiers for Deep Learning in Robotics, 2017.  
arXiv 1703.03078.

**Marvin Zhang\***, Xinyang Geng\*, Jonathan Bruce, Ken Caluwaerts, Massimo Vespignani,  
Vytas SunSpiral, Pieter Abbeel, Sergey Levine.  
**Deep Reinforcement Learning for Tensegrity Robot Locomotion.**  
ICRA, 2017. Presented at the NIPS Deep Reinforcement Learning Workshop, 2016. arXiv 1609.09049.

**Marvin Zhang**, Zoe McCarthy, Chelsea Finn, Sergey Levine, Pieter Abbeel.  
**Learning Deep Neural Network Policies with Continuous Memory States.**  
ICRA, 2016. Presented at the NIPS Reasoning, Attention, Memory Workshop, 2015.  
Presented at the NIPS Deep Reinforcement Learning Workshop, 2015. arXiv 1507.01273.