

Education

- 08/2019 – *present* | **University of California, Berkeley**, Berkeley, CA
Ph.D., Computer Science
Department of Electrical Engineering and Computer Sciences
- 08/2013 – 06/2017 | **University of California, San Diego**, La Jolla, CA
B.S., Computer Science, *with highest distinction*
Department of Computer Science and Engineering

Research Experience

- 08/2019 – *present* | **University of California, Berkeley**, Berkeley, CA
Graduate Student Researcher, [BAIR](#) and [RISE](#) Lab
- 07/2017 – 08/2019 | **University of California, Berkeley**, Berkeley, CA
Research Staff, PI: [Dawn Song](#)
- 06/2016 – 08/2016 | **Washington State University**, Pullman, WA
NSF REU Fellow, advisor: [Lawrence Holder](#)
- 09/2015 – 06/2017 | **University of California, San Diego**, La Jolla, CA
Undergraduate Researcher, advisor: [Julian McAuley](#)
- 09/2015 – 03/2017 | **University of California, San Diego**, La Jolla, CA
Undergraduate Researcher, advisor: [Kamalika Chaudhuri](#)

Publications

- pre-prints | **Charles Packer***, Katelyn Gao*, Jernej Kos, Philipp Krähenbühl, Vladlen Koltun, Dawn Song. Assessing Generalization in Deep Reinforcement Learning. *Preprint*, *arXiv:1810.12282*, October 2018.
- post-prints | **Charles Packer**, Julian McAuley, Arnau Ramisa. Visually-Aware Personalized Recommendation using Interpretable Image Representations. *KDD Workshop on AI for Fashion*, August 2018.
- Richard Shin*, **Charles Packer***, Dawn Song. Differentiable Neural Network Architecture Search. *International Conference on Learning Representations (ICLR) Workshop*, April 2018.
- Charles Packer**, Lawrence Holder. GraphZip: Mining Graph Streams using Dictionary-based Compression. *KDD Workshop on Mining and Learning with Graphs (MLG)*, August 2017.
- Ruining He, **Charles Packer**, Julian McAuley. Learning Compatibility Across Categories for Heterogeneous Item Recommendation. *IEEE International Conference on Data Mining (ICDM)*, December 2016.

(*equal contribution)

Employment & Industry Experience

08/2013 – 06/2017	CSEHelp, Dept. of CSE, University of California, San Diego , La Jolla, CA Assistant Systems Administrator
06/2015 – 08/2015	Microsoft , Mountain View, CA SDE Intern at StorSimple, Microsoft Azure
06/2014 – 09/2014	Qualcomm , San Diego, CA Intern at QMT (Qualcomm MEMS Technologies)
04/2014 – 06/2014	PixlNow (startup), San Diego, CA Software Development Intern

Teaching

09/2018 – 12/2018	University of California, Berkeley , Berkeley, CA Co-instructor, Master of Engineering (MEng) Capstone Project Class
01/2017 – 06/2017	University of California, San Diego , La Jolla, CA Tutor (undergraduate TA), CSE7: Introduction to Programming in MATLAB

Honors & Awards

2017	UCSD CSE Undergraduate Honorable Mention for Research
2016 – 2017	UCSD CSE Honors Program (with highest distinction)
2014 – 2016	UCSD Provost Honors
2013	Muir College Freshman Honors Award