

# Andrew Joo Hun Nam

Department of Psychology  
Stanford University  
ajhnam@stanford.edu  
github.com/andrewnam

<b>Education</b>	Ph.D. Psychology (Cognitive) Advisor: James L. McClelland	Stanford University Sep 2018 - Present
	B.A. Economics (3.9/4.0) B.A. Computer Science (3.8/4.0)	University of California, Berkeley Aug 2013 - May 2017
<b>Research Experience</b>	Stanford University <i>Parallel Distributed Processing Lab</i> <ul style="list-style-type: none"><li>• Research on abstract deductive reasoning, rule-based learning, and transfer learning through neural network models</li><li>• Experimental investigations of abstract deductive reasoning and rule-based learning in humans</li></ul>	Sep 2018 - Present
	University of California, Berkeley <i>Computational Approaches to Human Learning Research Lab</i> <ul style="list-style-type: none"><li>• Researched how autoencoder models and embedding spaces from student course data can be used to identify relationships between Berkeley courses</li><li>• Used LSTM RNN models to predict and cluster student behavior using MOOC data</li></ul>	Jul 2016 - Feb 2018
<b>Industry Experience</b>	Salesforce <i>Associate Member of Technical Staff - Software Engineer</i> <ul style="list-style-type: none"><li>• Wrote data resilience and service health monitoring software for Kafka distributed streaming platform</li><li>• Built web application with Angular and Apache Tomcat allowing engineers to on-board data tracing services</li><li>• Supported data transport services by examining software performance and ensuring reliability</li></ul>	Jul 2017 - Aug 2018
	Salesforce <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>• Built data marshalling and transport framework for distributed systems</li><li>• Developed data schema repository and consistency validator for marshalling log data</li><li>• Created extensible and adaptive library for generating validation rules</li></ul>	May 2016 - Aug 2016
	SpaceX <i>Information Technology Intern</i> <ul style="list-style-type: none"><li>• Programmed in .NET full stack environment for internal Enterprise Resource Planning software</li><li>• Developed an intelligent cloning feature to automate forms to reduce manual input and improve data integrity</li></ul>	May 2015 - Aug 2015

- Created features in applications to eliminate need of third-party software for data manipulation

## Teaching Experience

UC Berkeley: CS 70 Discrete Mathematics and Probability Aug 2016 - Dec 2016  
*Undergraduate Student Instructor*

- Taught students discrete math, graph theory, probability theory, and proof writing for algorithms
- Led discussion sections, held office hours, and staffed homework parties
- Wrote and graded problems for class exams

UC Berkeley: CS 70 Discrete Mathematics and Probability Jan 2016 - May 2016  
*Reader*

- Staffed homework parties and tutored students in discrete mathematics and probability
- Graded students' problem sets

## Publications

Pardos, Z. A. & **Nam, A. J. H.** (2018). *A Map of Knowledge*. CoRR preprint, arXiv:1811.07974

Pardos, Z. A. & **Nam, A. J. H.** (2017). *The School of Information and its Relationship to Computer Science at UC Berkeley*. iConference Proceedings.