Daniel Gordon

xkcd@cs.washington.edu

Education

The University of Washington   2014-Present
  Ph. D. student in Computer Science
The University of Washington   2016
  Masters in Computer Science
Washington University in St. Louis   Graduated May 2014
  Bachelor of Science in Computer Science
  Second Major in Entrepreneurship
  Summa Cum Laude – GPA: 3.96, Engineering Class Rank: 8/323

Publications

SplitNet: Sim2Sim and Task2Task Transfer for Embodied Visual Navigation   ICCV 2019
Daniel Gordon, Abhishek Kadian, Devi Parikh, Judy Hoffman, Dhruv Batra

What Should I Do Now? Marrying Reinforcement Learning and Symbolic Planning   2018
Daniel Gordon, Dieter Fox, Ali Farhadi

Shifting the Baseline: Single Modality Performance on Visual Navigation & QA   NAACL 2019
Jesse Thomason, Daniel Gordan, Yonatan Bisk   Short Paper

IQA: Visual Question Answering in Interactive Environments   CVPR 2018
Daniel Gordon, Aniruddha Kembhavi, Mohammad Rastegari, Joseph Redmon, Dieter
Fox, Ali Farhadi
Received the Nvidia Pioneering Research Award at CVPR 2018

AI2-THOR: An Interactive 3D Environment for Visual AI   Technical
Eric Kolve, Roozbeh Mottaghi, Daniel Gordon, Yuke Zhu, Abhinav Gupta, Ali   Report 2017
Farhadi

Re3: Real-Time Recurrent Regression Networks for Object Tracking   RA-L 2018
Daniel Gordon, Ali Farhadi, Dieter Fox

Visual Semantic Planning using Deep Successor Representations   ICCV 2017
Daniel Gordon, Yuke Zhu, Eric Kolve, Dieter Fox, Li Fei-Fei, Abhinav Gupta, Roozbeh
Mottaghi, Ali Farhadi

Collaborative Rephotography   SIGGRAPH 2013
Ruth West, Abby Halley, Daniel Gordon, Jarlath O'Neil-Dunne, Robert Pless   Studio Talks

Collaborative Imaging of Urban Forest Dynamics: Augmenting Rephotography to Visualize Changes over Time	IS&T/SPIE 2013

Ruth West, Abby Halley, Jarlath O Neil-Dunne, Daniel Gordon, Robert Pless

Service

Co-organizer of 1st Workshop on Visual Understanding Across Modalities and THOR competition	CVPR 2017

http://vuchallenge.org/

Organizer of Deep Learning in Practice Seminar Talk Series	Summer 2017

https://sites.google.com/cs.washington.edu/deeplearninginpractice/

Honors and Awards

NVIDIA Graduate Fellowship	2019
National Science Foundation GRFP Honorable Mention	2015 and 2016
Wissner-Slivka Fellowship	2014
Achievement Rewards for College Scientists (ARCS) Fellowship	2014-2016
Outstanding Senior Award – Computer Science and Engineering	2014
Sigma Xi	Inducted Spring 2014
Upsilon Pi Epsilon	Inducted Fall 2013
Tau Beta Pi	Inducted Fall 2012

Work Experience

Facebook AI Research (FAIR):	January-March 2019

    Research Intern – A-Star Team with Dhruv Batra

Allen Institute for Artificial Intelligence:	January-March 2017

    Research Intern – Vision Team with Roozbeh Mottaghi
- Conducted research resulting in the paper Visual Semantic Planning using Deep Successor Representations

Google:

Software Engineering Intern – Google Maps	Summer 2013, Summer 2014

- Designed and programmed the Street View Time Machine frontend
- Increased polish and feature improvement on the new Maps frontend

Engineering Practicum Intern – Google Wallet	Summer 2012

- Integrated an autocomplete feature to the Wallet website
- Added Google+ profile images and names to various Wallet pages
- Created the Wallet dashboard page and recent transaction widget

Washington University Department of Computer Science:

Research Assistant for Professor Robert Pless	Fall 2011-Spring 2014

- Research transfer learning using handwriting recognition data
- Maintain the RePhoto Android app: http://projectrephoto.com/

- o   Find and parse webcam URLs for the AMOS database

iEnable:

iPhone App Programmer

- o   Created a location-based to-do list   Summer 2011
- o   Created a tennis court reservation system

Teaching Experience

Teaching Assistant at the University of Washington

Introduction to Deep Learning   Fall 2019

Teaching Assistant at Washington University in St. Louis

Introduction to Artificial Intelligence   Spring 2013-Fall 2013

Algorithms and Data Structures   Fall 2013

Logic and Discrete Mathematics   Fall 2012

Introduction to Computer Science   Fall 2010-Spring 2012

Patents

Providing a thumbnail image that follows a main image   April 3, 2018

US Patent 9,934,222

Display screen with graphical user interface or portion thereof   March 14, 2017

US Patent D780,795

Technical Skills

Proficient in: Java, Python, Caffe, TensorFlow, PyTorch, Matlab, Javascript, Google
Closure, Git, HTML, CSS

Capable in: Android, C++, PHP, Mercurial, C#, Unix Terminal

Basic Knowledge: CUDA, Objective-C/Cocoa, iPhone, MySQL, C, JQuery, LaTeX