

Max Smith

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EDUCATION

Ph.D., Computer Science University of Michigan	Expected Apr 2022 Ann Arbor, MI
B.S.Eng, Computer Science, <i>Summa Cum Laude</i> University of Michigan	Sep 2014 – Dec 2016 Ann Arbor, MI

EXPERIENCE

Graduate Student Researcher Assistant Université de Montréal	May 2017 – Montréal, QB
Software Engineering Intern Google	May 2016 – Aug 2016 Mountain View, CA
<ul style="list-style-type: none">– Expanded conversion model to use advanced features improving model performance.– Implemented RPC for serving simulation data to partners.	
Undergraduate Research Assistant University of Michigan, PI: Honglak Lee	Jan 2015 – Apr 2016 Ann Arbor, MI
<ul style="list-style-type: none">– Collaborated on grabcut segmentation and feature management tool.– Worked on CNN to identify medical wounds and phases of healing.	
R&D Intern Sandia National Laboratories	May 2015 – Jul 2015 Livermore, CA
<ul style="list-style-type: none">– Designed and implemented pointwise learning to rank solution for system models.– Created census data model utilizing geographic queries for demographics.	
Research Aide II Michigan State University, CREATE for STEM Institute	Aug 2013 – May 2014 East Lansing, MI
<ul style="list-style-type: none">– Documented and studied successful pedagogies while sitting in on various STEM classes.– Built tools to clean survey & note data from hours of work into seconds.	

TEACHING

Workshop Instructor University of Michigan	Ann Arbor, MI
Big Data Summer Institute	Summer 2018
Exercise & Sports Science Initiative, Sports Analytics Summer Camp	Summer 2018
Graduate Student Instructor University of Michigan	Ann Arbor, MI
EECS 498/598: Reinforcement Learning [†]	Fall 2017
Instructional Aide University of Michigan	Ann Arbor, MI
EECS 280: Programming and Data Structures	Fall 2016
EECS 280: Programming and Data Structures	Winter 2016
EECS 398: Computing for Computer Scientists [†]	Winter 2016
EECS 280: Programming and Data Structures	Fall 2015

[†] *First offering of course*

AWARDS & HONORS

EECS Outstanding Research Award	Mar 2016
3rd Place, ITS Mobile Apps Challenge	Apr 2015
1st Place, Microsoft Developer's Challenge	Dec 2014
IBM Sponsor Prize, MHacks IV	Sep 2014

PROFESSIONAL SERVICE

Member, Michigan Data Science Team	2016–
CIFAR Reporter, Deep Learning Summer School	2017
Volunteer, Stanford Crowd Course	2016

PUBLICATIONS

- [1] M. Azab, M. Wang, **M. Smith**, N. Kojima, J. Deng, and R. Mihalcea. “Speaker Naming in Movies”. In: North American Chapter of the Association for Computational Linguistics: Human Language Technologies. 2018.
- [2] **M. O. Smith**, A. Giugliano, and A. DeOrio. “Long Term Effects of Pair Programming”. In: *IEEE Transactions on Education (Special Issue: Computing in Engineering)* (2017).
- [3] C. Wang, X. Yan, **M. Smith**, K. Kochhar, M. Rubin, S. Warren, and L. Honglak. “A Unified Framework for Automatic Wound Segmentation and Analysis with Deep Convolutional Neural Networks”. In: 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). 2015.