

Max Smith

Max.Olan.Smith@gmail.com | MaxOSmith.com

EDUCATION

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| 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

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| 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

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| Graduate Student Instructor University of Michigan | Sep 2017 – Dec 2017 Ann Arbor, MI |
| EECS 498/598: Reinforcement Learning [†] | Fall 2017 |
| Instructional Aide University of Michigan | Sep 2015 – Dec 2016 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

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| EECS Outstanding Research Award | Mar 2016 |
| 3rd Place, ITS Mobile Apps Challenge | Apr 2015 |
| 1st Place, Microsoft Developer's Challenge | Dec 2014 |

PROFESSIONAL SERVICE

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| 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. 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.