

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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| Visiting Student Researcher Université de Montréal | May 2017 – Aug 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 – Apr 2018 Ann Arbor, MI |
| EECS 498: 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

CIFAR Reporter, Deep Learning Summer School

PUBLICATIONS

- [1] 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." 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), 2015.