

# Kristjan Arumae

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CONTACT INFORMATION	kristjan.arumae@gmail.com
RESEARCH INTERESTS	natural language processing, text summarization, deep learning
EDUCATION	<b>University of Central Florida, Orlando, FL</b> M.S., Computer Science. May 2019 • Advisor: Dr. Fei Liu B.S., Computer Science. August 2014
PUBLICATIONS	[1] <b>Kristjan Arumae</b> , Parminder Bhatia, and Fei Liu. “Towards Annotating and Creating Sub-Sentence Summary Highlights” In <i>Proceedings of the Workshop on New Frontiers in Summarization (EMNLP)</i> , Hong Kong, 2019 [2] <b>Kristjan Arumae</b> , and Fei Liu. “Guiding Extractive Summarization with Question-Answering Rewards” In <i>Proceedings of the 17th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)</i> , Minneapolis, USA, 2019 [3] Parminder Bhatia, <b>Kristjan Arumae</b> , and Busra Celikkaya. “Dynamic Transfer Learning for Named Entity Recognition” In <i>Workshop of the The Third AAI Joint International Workshop on Health Intelligence (W3PHIAI)</i> , Honolulu, USA, 2019 [4] <b>Kristjan Arumae</b> , and Fei Liu. “Reinforced Extractive Summarization with Question-Focused Rewards” In <i>Proceedings of the 56th Annual Association for Computational Linguistics, Student Research Workshop (ACL)</i> , Melbourne, Australia, 2018 [5] <b>Kristjan Arumae</b> , Guo-Jun Qi, and Fei Liu. “A Study of Question Effectiveness Using Reddit ‘Ask Me Anything’ Threads” In <i>Proceedings of the Florida Artificial Intelligence Research Society Conference (FLAIRS)</i> , Marco Island, Florida, 2017
EMPLOYMENT	<b>Applied Scientist, Amazon, Seattle, WA</b> May 2019 – Present • AWS Comprehend Medical <b>Graduate Research Assistant, UCF, Orlando, FL</b> August 2018 – May 2019 • Natural Language Processing Group <b>Machine Learning Intern, Amazon, Seattle, WA</b> May 2018 – August 2018 • AWS Comprehend Medical • Developed a dynamic transfer learning neural architecture for named entity recognition in low resource medical domains <b>Graduate Teaching Assistant, UCF, Orlando, FL</b> August 2016 – May 2018 <b>Software Engineer, onePOS, Orlando FL</b> January 2015 – August 2016 • Full stack web development <b>Software Engineer, AirIT, Orlando FL</b> May 2014 – January 2015 • Full stack web development
SERVICE & AWARDS	Conference Reviewer • NeurIPS 2019, IJCAI 2019, AACL 2019, IJCNLP 2017, AACL 2017, EMNLP 2017, CIKM 2016, ACL 2016 Awards • Hillman Fellowship (2017)