

Isidora Chara Tourni

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EDUCATION	<p>Boston University, Graduate School of Arts and Sciences, Boston, MA <i>Sep. 2017 – now</i> MSc & PhD, Computer Science</p> <ul style="list-style-type: none">• Advisors: Derry Tanti Wijaya, Sarah Adel Bargal• Research Interests: Machine Learning, Natural Language Processing <p>National Technical University of Athens, ECE School, Athens, Greece <i>2011 – 2016</i> Diploma in Electrical & Computer Engineering; (5-year joint BSc & MSc degree; 300 ECTS)</p> <ul style="list-style-type: none">• GPA 8.34/10, Major: Computer Software, Computer Systems, Minor: Electronics• Diploma Thesis: <u>Machine Learning Techniques in Categorical Time Series Analysis of Manufacturing Process</u> Advisors: Prof. Nectarios Koziris and Prof. Christoforos Anagnostopoulos. In collaboration with Johnson & Johnson Hellas and <u>Mentat Innovations</u> <p>National Technical University of Athens, Chemical Engineering School <i>2010 – 2011</i> Ranked 1st in national university admission exams (Score 19,610/20,000)</p>
RESEARCH EXPERIENCE	<p>Research Fellow, Boston University <i>Sep. 2017 – now</i></p> <ul style="list-style-type: none">• Relevance-guided Low-Resource Neural Machine Translation (I. C. Tourni, D. T. Wijaya, <i>under submission</i>)• Low-Resource Machine Translation Training Curriculum Fit for Low-Resource Languages (I. C. Tourni*, A. F. Akyürek*, S. Han*, G. Kuwanto*, A. Jones, D. T. Wijaya, <i>Arxiv Preprint</i>)• Detecting Frames in News Headlines and Lead Images in U.S. Gun Violence Coverage (I. C. Tourni, T. H. Daryanto, F. Zhafransyah, L. Guo, S. Lai, E. E. Halim, M. Jalal, B. Chen, H. Hu, M. Betke, P. Ishwar, D. T. Wijaya, <i>Findings of the Association for Computational Linguistics: EMNLP, 2021</i>. Presented at <i>FEVER-The 4th Workshop on Fact Extraction and Verification</i>.)• Ani-GIFs: A Benchmark Dataset for Domain Generalization of Action Recognition from GIFs (I. C. Tourni*, S. Jain*, S. Majumda*, A. Mustafin*, D. Lteif, S. A. Bargal, K. Saenko, S. Sclaroff, <i>under submission</i>)• Cultural and Geographical Influences on Image Translatability across Languages (N. Khani, I. C. Tourni, M. S. Rasooli, C. Callison-Burch, D. T. Wijaya, <i>NAACL 2021</i>)• Learning with Less Labels: Low Resource Neural Machine Translation with Active Learning (DARPA evaluation cycle, Summer 2020, with A. F. Akyürek, D. T. Wijaya, joint submission with UC Berkeley & Boston University Computer Vision groups)• <u>Polarization Inference from Communities' Behavior on Twitter</u> (I. C. Tourni, E. Terzi, M. Crovella)
INDUSTRY EXPERIENCE	<p>Google, Mountain View, CA <i>Sep. 2022 – now, May – July 2022</i> Student Researcher / Research Intern</p> <ul style="list-style-type: none">• Task Mixture-of-Experts models for Direct Neural Machine Translation• Google Translate On-device Team, Mentors: Subhajit Naskar, Bharath Mankalale <p>SRI International AI Center, San Diego, CA <i>May – Aug. 2021</i> Research Intern</p> <ul style="list-style-type: none">• Multimodal Event Triggers: Temporal Knowledge Graph Embeddings for users' response prediction to Events detected in social media streams• Advanced Analytics group, Mentors: John Niekrasz, Dayne Freitag

	Electronic Arts (EA) , Redwood City, CA	<i>May – Aug. 2019</i>
	AI Research Scientist Intern	
	<ul style="list-style-type: none"> • Online Multivariate Dynamic Clustering for Anomaly Detection • EA Data Platform Data & AI Team, Manager: Sundeep Narravula, Mentor: Meredith Trotter 	
	Nokia Technology Center , Athens, Greece	<i>Jun. – Nov. 2015</i>
	Intern / Test Automation - Tool Development	
	<ul style="list-style-type: none"> • Developed back- and front end software features for internal Web-tools. Built Statistics' Visualization Web - based Interactive system to analyze Teams' Performance • MBB Liquid Core Release & Diagnosis Teams, Manager: Anastasios Diamantopoulos 	
AWARDS & HONORS	<ul style="list-style-type: none"> • Eleni Gatzoyiannis Graduate Studies Scholarship • Gerondelis Foundation Graduate Studies Scholarship • Dean's fellowship, Boston University • Christos Papakyriakopoulos" Honorary Award and Scholarship, NTUA Excellence in first year's Mathematics' courses • State Scholarships Foundation Honorary Award and Scholarship Excellence in university admission exams • "Agoniston Polytechniou" Honorary Award and Scholarship NTUA Dean's Council, for university admission 	<i>May 2022</i> <i>Nov. 2020</i> <i>Sep. 2017</i> <i>Nov. 2012</i> <i>Sep. 2010</i> <i>Sep. 2010</i>
TEACHING EXPERIENCE	Teaching Fellow, Boston University	
	<ul style="list-style-type: none"> • CS 542 - Machine Learning • CS 455 - Computer Networks • CS 103 - Introduction to Internet Technologies and Web Programming 	<i>Spring 2020</i> <i>Fall 2019</i> <i>Spring 2018, Fall 2018</i>
SELECTED COURSEWORK	Boston University	
	<ul style="list-style-type: none"> • CS 591 W1 - Toward Universal Natural Language Understanding • CS 542 - Machine Learning • EC 503 - Learning from Data - Statistical Learning • CS 591 E2 - Convex Optimization • CS 530 - Advanced Algorithms 	<i>Fall 2020</i> <i>Fall 2019</i> <i>Spring 2019</i> <i>Spring 2018</i> <i>Fall 2017</i>
TECHNICAL SKILLS	Programming Languages, Tools and Frameworks: Python, C, MATLAB, Javascript, Java, PHP, MySQL, html5, css, LaTeX, git PyTorch & PyTorch Geometric, Tensorflow, Apache Spark, AutoCAD (AutoDesk)	
LANGUAGES	<ul style="list-style-type: none"> • English: fluent, CPE Uni. of Cambridge, TOEFL iBT: 117/120, GRE Q/V/W: 164/158/4.5 • German: fluent, Zertifikat Mittelstufe Deutsch C1 • Greek: native 	
OTHER ACTIVITIES	<ul style="list-style-type: none"> Chair Committee member of <u>WiNLP</u> <u>Fatima Fellowship</u> Research mentor Selected participant of <u>Google CS Research Mentorship Program</u> Selected participant of <u>Oxford Machine Learning Summer School 2021</u> Group mentor at <u>Explore CS Research Workshop</u> Selected participant of <u>2021 CRA-WP Grad Cohort for Women</u> Invited Speaker at <u>AI4ALL</u>: Domain Adaptation in Deep Learning 	<i>2022 - 2024</i> <i>May 2022 - now</i> <i>Fall 2021</i> <i>August 2021</i> <i>April 2021</i> <i>April 2021</i> <i>July 2020</i>