ARTEMIS PANAGOPOULOU

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EDUCATION

University of Pennsylvania, Philadelphia, PA

Doctor of Philosophy, Computer and Information Science   *2021 - 2025 (expected)*
Research Interests: Natural Language Processing, Computer Vision
Advisors: Chris Calllison-Burch, Mark Yatskar   GPA: 3.84/4

Master of Science in Engineering, Computer and Information Science   *2018 - 2020*
Thesis: *"Metaphor and Entailment: Looking at Metaphors Through the Lense of Textual Entailment"*
Advisor: Mitch Marcus   GPA: 3.77/4

Dual Degree in Artificial Intelligence   *2015 - 2020*
Bachelor of Applied Science (BAS), Computer and Cognitive Science.
Bachelors of Arts (BA) Honors, Cognitive Science and Philosophy
Minor in Mathematics   *GPA: 3.59/4*

EXPERIENCE

Amazon Alexa Taskbot Competition [Finalist]   *8/2021 - 5/2022*
- Technical lead of University of Pennsylvania's Team for the Alexa Taskbot Challenge.
- Gained experience with Amazon Web Services (AWS) and Alexa Skills Kit (ASK).

Co-founder and Software Developer   *8/2020 - 8/2021*
Aarogya LLC, Philadelphia, US and Bangalore, India
- Co-founded Aarogya, LLC a non-profit health-tech social enterprise creating India's first medicine redistribution platform.
- Gained full stack experience with Django REST Framework, PostgreSQL, and AngularJS

Computer Science Research Assistant
GRASP Lab, University of Pennsylvania   *5/2019 - 5/2020*
- Developed a modular codebase for experiments in spiking neural networks focusing on its integration with event based sensors using a PyTorch based library, Bindsnet.
- Employed dynamic neural fields for unsupervised object tracking on the Multi Vehicle Stereo Event Camera (MVSEC) dataset.

Kod*Lab, University of Pennsylvania   *5/2019 - 8/2019*
- Developed a simulation (MATLAB) for a physically parameterized soft bellow-shaped bot with multiple degrees of freedom.

PUBLICATIONS

- *Kenneth Chaney, Artemis Panagopoulou, Chankyu Lee, Kaushik Roy, and Kostas Daniilidis (2021). "Self-Supervised Optical Flow with Spiking Neural Networks and Event Based Cameras." (IROS 2021)'*
- *Yue Yang, Artemis Panagopoulou, Qing Lyu, Li Zhang, Mark Yatskar, Chris Callison-Burch (2021). "Visual Goal-Step Inference using wikiHow." EMNLP 2021 (Oral).*

AWARDS AND FUNDING

President's Engagement Prize	*5/2020*
Google exploreCSR	*11/2019 - 4/2020*
CIS Faculty Appreciation Award	*3/2019*