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: 3.96/4

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

Teaching Assistantships: Automata, Computability and Complexity (Spring 2018), Discrete Mathematics (Spring 2019 - Spring 2020), Artificial Intelligence (Fall 2021), Interactive Fiction and Text Generation (Spring 2022), Natural Language Processing (Fall 2022)

EXPERIENCE

Technical lead || *Amazon Alexa Taskbot Competition* *8/2021 - 5/2022*
- Technical lead of University of Pennsylvania's Team, achieving a position as one of five finalists.

Co-founder || *Aarogya LLC* *8/2020 - 8/2021*
- Co-founded aarogya.life, an award winning health-tech social enterprise creating a platform to enable low-income patients to access essential medicines while preventing wastage of medicines lying unused in warehouses.
- Awarded the President's Engagement Prize which is competitively granted to academically excellent and civically engaged Penn seniors to design and undertake fully-funded engagement projects during the first year post grad.

Computer Science Research Assistant
GRASP Lab, University of Pennsylvania *5/2019 - 5/2020*
- Worked on estimating optical flow from event based cameras (supervised and unsupervised) using Spiking Neural Networks. (Supervisor: Prof. Kostas Daniilidis)

*Kod*Lab, University of Pennsylvania* *5/2019 - 8/2019*
- Developed a simulation for physically parameterized soft bellow-shaped robots with multiple degrees of freedom. (Supervisor: Prof. Daniel Koditschek)

Computer Information Science, University of Pennsylvania *5/2018 - 10/2018*
- Applied K-reversible inference on the synthesis of Turkish morphology. (Supervisor: Prof. Mitch Marcus)

SKILS

Python, Java, C/C++, SQL, PyTorch, AWS, Linux, MACOS, Bash, Git

PUBLICATIONS

- *Panagopoulou, Artemis, et al. "QuakerBot: A household dialog system powered by large language models", Alexa Prize TaskBot Challenge Proceedings (2022)*
- *Kenneth Chaney, Artemis Panagopoulou, Chankyu Lee, Kaushik Roy, and Kostas Daniilidis. "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. "Visual Goal-Step Inference using wikiHow." EMNLP 2021 (Oral).*