Iasonas Nikolaou
EMAIL: nikolaou@bu.edu

EDUCATION

Boston University *September 2022 - Present*
PhD student in Computer Science
- Domains of interest: Online Combinatorial Optimization, Team-Formation, Social Networks, Learning-augmented Algorithms
- *Advisor:* Evimaria Terzi

National Technical University of Athens *2016–2021*
Integrated MEng in Electrical & Computer Engineering
- *GPA:* 8.7/10
- *Major:* Computer Science
- *Thesis:* "Learning-augmented Online algorithms - Multistage Matroid Maintenance with predictions", *Advisor:* Dimitris Fotakis

PUBLICATIONS

- I.Nikolaou, M. Stouras, E. Terzi, S. Ioannidis, "Online Two-Stage Submodular Optimization", NeurIPS '25
  https://arxiv.org/pdf/2510.19480
- I. Nikolaou, K. Pelechrinis, E. Terzi, "Understanding Team Collapse via Probabilistic Graphical Models", KDD '25
  https://arxiv.org/abs/2402.10243
- I. Nikolaou, E. Terzi, "Team Formation amidst Conflicts", WebConf '24
  https://arxiv.org/abs/2403.00859
- T. Si-Salem, G. Özcan, I. Nikolaou, E. Terzi, S. Ioannidis, "Online Submodular Optimization via Online Convex Optimization", AAAI '24
  https://arxiv.org/abs/2309.04339

TEACHING

CS 565: Algorithmic Data Mining *Fall 2025*
Teaching Assistant

CS 391: Algorithms to Live By *Spring 2025*
Co-creator, Teaching Assistant

- Co-designed the course based on the popular science book of the same name
- Developed lab and homework material

WORK EXPERIENCE

Meta Platforms, Inc. *June 2025- Aug 2025*
Software Engineer PhD Intern (Sunnyvale, CA, US)
Ranking & Foundational AI

- Data-Centric AI, Representation Learning
- LLMs for Recommender Systems

KTH Royal Institute of Technology *June 2024- Aug 2024*
Research intern (Advisor: Aristides Gionis)

- Worked on developing opinion formation models to explain opinion alignment and polarization

Amazon *December 2021- May 2022*
Software Development Engineer (SDE) intern at Amazon (Dublin, Ireland)

- Worked on the back-end of Amazon Simple Email Service (SES)
- Developed tools to perform automated ticket investigations

Agile Actors   *2018-2019*
Software Engineer trainee at Agile Actors (Athens, Greece)

- Trained on full stack development with an emphasis on scalable systems
- Used React, Redux, RxJS, Node.js, Express.js
- Trained on functional programming using Haskell

EXTRACURRICULAR **White Noise - Space Engineering Team**   *2017-2019*
PROJECTS   Co-Founder & Software Engineer

- Competed in the national and international CanSat space engineering competitions for university students
- Designed the flight software for two CanSat missions
- Developed a web-app for real-time analysis and visualization of data

HONORS &
AWARDS
- 4th place worldwide at CanSat Competition   *2019*
  US Naval Research Laboratory & NASA Goddard
  Texas, USA
- 1st prize at CanSat in Greece Competition   *2018*
  European Space Agency & Space Innovation
  Athens, Greece
- Classical Guitar Diploma   *2019*
  Excellent 10/10 and 1st prize honor
  Kodály Conservatory, Athens, Greece

LANGUAGES   Greek (native), English (fluent), French (Basic)

REFERENCES
- **Evimaria Terzi** (evimaria@bu.edu)
  [Boston University, Professor]
  PhD advisor
- **Stratis Ioannidis** (e.ioannidis@northeastern.edu)
  [Northeastern University, Professor]
  Collaborator