IASONAS NIKOLAOU
EMAIL: nikolaou@bu.edu
MOBILE: +1 (617) 595-1816

EDUCATION	**Boston University** *September 2022 - Present*

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Boston University   *September 2022 - Present*
PhD student in Computer Science
- Domains of interest: Team-Formation, Data-mining, Online Optimization, Combinatorial Optimization, 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, 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

WORK EXPERIENCE

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 PROJECTS

White Noise - Space Engineering Team   *2017-2019*
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

TECHNICAL SKILLS

Programming Languages   C++, Java, Python, Haskell, JavaScript, Prolog, SQL
Version Control   Git/GitHub

	Typesetting	LaTeX

HONORS & AWARDS	• 4th place worldwide at CanSat Competition US Naval Research Laboratory & NASA Goddard Texas, USA	*2019*
	• 1st prize at CanSat in Greece Competition European Space Agency & Space Innovation Athens, Greece	*2018*
	• Classical Guitar Diploma Excellent 10/10 and 1st prize honor Kodály Conservatory, Athens, Greece	*2019*
LANGUAGES	Greek (native), English (fluent), French (Basic)	
REFERENCES	• **Evimaria Terzi** (evimaria@bu.edu) [Boston University, Professor] PhD advisor • **Stratis Ioannidis** (ioannidis@ece.neu.edu) [Northeastern University, Professor] Collaborator • **Dimitris Fotakis** (fotakis@cs.ntua.gr) [National Technical University of Athens, Professor] Collaborator, Undergraduate advisor	