Iasonas Nikolaou

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EDUCATION

Boston University

September 2022 - Present

PhD student in Computer Science

- Algorithms, Data Mining, Optimization, Machine Learning
- Working on Team-formation
- Advisor: Evimaria Terzi

National Technical University of Athens

2016-2022

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

Work experience **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 2017-2019

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

Projects

EXTRACURRICULAR White Noise - Space Engineering Team

2017-2019

Co-Founder & Software Engineer (whitenoise.gr)

- 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

Version Control

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

Typesetting

EALEX

2019

2018

Honors & AWARDS

- 4th place worldwide at CanSat Competition US Naval Research Laboratory & NASA Goddard Texas, USA
- 1st prize at CanSat in Greece Competition 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)