

# ILIANA MARIA XYGKOU

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## EDUCATION

- Ph.D. in Networking, Computer Science**, Georgia Institute of Technology, Atlanta, GA, U.S.A. 08/2022 – (expected) 05/2027
  - GPA: 4.0/4.0
  - Advisor: Prof. Alberto Dainotti
  - Focus: BGP routing security, programmable networks
- Diploma (Integrated MEng) in Electrical and Computer Engineering** (5-year degree), National Technical University of Athens, Athens, Greece 09/2017 – 07/2022
  - Grade: 9.66/10 (3<sup>rd</sup>/318)
  - Concentration: Informatics
  - Diploma Thesis ([Abstract](#)):
    - Title: Misinformation containment in social network platforms
    - Advisor: Prof. Symeon Papavassiliou
    - Grade: 10/10

## PROFESSIONAL EXPERIENCE

- Graduate Teaching Assistant**, Georgia Institute of Technology 08/2023 –
  - Course: Computer Networks / Computer Networking II
- Research Intern**, Coalition Inc 05/2023 – 08/2023
  - Project “Honeypot Detection” under the guidance of Dr. S. Bell and Dr. D. Woods.
- Graduate Research Assistant**, Georgia Institute of Technology 08/2022 – 05/2023
  - Working on the advancement and evaluation of the [Global Routing Intelligence Platform](#) (GRIP) that detects and assesses Border Gateway Protocol (BGP) hijacking events, under the guidance of Professor Alberto Dainotti.
- Technical Support Help Desk**, National Technical University of Athens 09/2021 - 08/2022
  - Member of the team responsible for the proper functioning and resolution of technical issues of the NTUA’s new educational Moodle platform, “Helios”, under the guidance of Professors P. Tsanakas and E. Sykas.
- Lab assistant for the course “Computer Programming”**, National Technical University of Athens 10/2018 – 01/2019
  - Oversaw the students during their labs and provided them with any guideline they needed towards the solution of the lab exercises.

## AWARDS AND HONORS

- Seeds For The Future Scholarship**, Huawei, 2021
  - As part of the “Seeds For The Future” program in which I participated, Huawei offered scholarships to students who had shown academic excellence.
- Doctoral Scholarship**, Onassis Foundation, 2023-2026

## HARD SKILLS

- Programming languages:** Python, C++/C, P4, Prolog, Javascript, Java, SML
- Frameworks:** Express, Flask, NetworkX, React
- Operating systems:** Windows, Linux, UNIX (FreeBSD)
- Routing software:** Quagga, FRR
- Database management systems:** MySQL, PostgreSQL

## LANGUAGES

- **Greek:** (native)
- **English:** ECPE C2, 08/2015, TOEFL (Grade: 106/120), 11/2021
- **German:** Goethe-Zertifikat B2, 09/2021

## VOLUNTEERING EXPERIENCE

- Volunteer as judge in *Greek National Educational Robotics Competition* hosted by *WRO Hellas* (2018, 2019)
- Volunteer in non-profit actions (cleaning forests, helping in the execution of sports events e.g., *"Greece Race for the Cure"* hosted by Hellenic Association of Women with Breast Cancer *"Alma Zois"* (2017, 2018, 2019))