ILIANA MARIA XYGKOU

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EDUCATION

08/2022 – *(expected)* 05/2027

- **Ph.D. in Computer Science,** Georgia Institute of Technology, Atlanta, GA, U.S.A.
  - GPA: 4.0/4.0

09/2017 – 07/2022

- **Integrated MEng in Electrical and Computer Engineering** (5-year degree), National Technical University of Athens, Athens, Greece
  - Grade: 9.66/10 (≤ top 2%)
  - Concentration: Informatics
  - Diploma Thesis (Abstract):
    - Title: Misinformation containment in social network platforms
    - Advisor: Prof. Symeon Papavassiliou
    - Grade: 10/10

09/2014 – 06/2017

- **High School Diploma**, Grade: 19.9/20, Diamandopoulos High School, Athens, Greece

PROFESSIONAL EXPERIENCE

08/2021 -

- **Graduate Research Assistant,** Georgia Institute of Technology
  - Currently working on the advancement and evaluation of the Global Routing Intelligence Platform (GRIP) that detects and assesses Border Gateway Protocol (BGP) hijacking events.

09/2021 - 08/2022

- **Technical Support Help Desk**, National Technical University of Athens
  - 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.

10/2018 – 01/2019

- **Lab assistant for the course "Computer Programming",** National Technical University of Athens
  - 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.

HARD SKILLS

- **Programming languages**: C, C++, Python, Java, Javascript, ML, Prolog
- **Frameworks**: Django, Express, React, Flask, NetworkX
- **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 beaches and 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))