

# Theodoros Tsilivis

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## EDUCATION

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- 09/2016 – 09/2022 **National Technical University of Athens (NTUA)**, Athens, Greece
- BSc & MSc in Electrical and Computer Engineering (5-year degree; 300 ECTS).
    - Grade: 8.95/10 (“Very good”).
    - Chosen Orientation: Information Technology (Computer Systems, Computer Software, Systems, Automatic Control and Robotics).
    - Relevant Coursework: Foundations of Computer Science, Algorithms and Complexity, Advanced Algorithms, Computability and Complexity, Pattern Recognition, Artificial Intelligence, Neural Networks and Intelligent Systems, Speech and Natural Language Processing, Computer Vision.
    - Thesis: “Mechanism Design for Combinatorial Auctions with Machine Learned Advice” (Grade 10/10).
- 09/2013 – 06/2016 Ionios School, Athens, Greece (Grade: 19.9/20)  
Nationwide University Entrance Examination Score (Grade 19.240/20.000, Top 0.5% nationwide).

## PROFESSIONAL EXPERIENCE

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- 05/2021 – ongoing **Undergraduate Research**, [Corelab](#) - National Technical University of Athens, Greece
- Carried out research in mechanism design, especially under the learning augmented framework.
  - Assisted in the following courses:
    - Algorithms and Complexity (2021-2, 2022-3).
    - Discrete Mathematics (2022).
    - Computer Programming (2022-3).
- 09/2021 – 01/2022 **Participant**, Drexel Theory Reading Group - Drexel University, United States
- Presented recent works on Combinatorial Auctions ([slides](#)).
- 09/2017 – 04/2019 **Private Tutor Volunteer** in high school level Mathematics and Computer Fundamentals, Athens, Greece

## SKILLS

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- Programming (C, C++, Python, Java, Prolog, ML, Matlab, HTML, SQL)
- Github [page](#)
- Algorithmic Game Theory, Approximation Algorithms, Probabilistic Algorithms.

## PARTICIPATIONS & VOLUNTEERING

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- IEEEExtreme 13.0 (placed 661th out of 2781).
- IEEEExtreme 14.0 (placed 458th out of 3701).
- Computer Society Chamber of IEEE NTUA Student Branch, Athens 2018: Represented the Computer Society as a live promoter at TedXNtua 2019.

## LANGUAGES

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- **English** (fluent), **German** (basic), **Greek** (native)