

# Stylianos Prentakis

Undergraduate Computer Engineering Student  
Athens, Greece

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🌐 stylianos-prentakis

## SUMMARY

Undergraduate ECE student at the National Technical University of Athens. Focus on algorithms, complexity, and quantum computing. Experienced in C++ and MATLAB with strong mathematics and programming background. Active member of the IEEE NTUA Student Branch Computer Society. Aspiring to pursue an academic research career in quantum algorithms and computational complexity.

## KEY SKILLS

- |            |          |                                   |                              |                             |
|------------|----------|-----------------------------------|------------------------------|-----------------------------|
| ✓ C/C++    | ✓ MatLab | ✓ L <sup>A</sup> T <sub>E</sub> X | ✓ Computability & Complexity | ✓ Organization & Leadership |
| ✓ Python   | ✓ Java   | ✓ Qiskit                          | ✓ Quantum Computing          | ✓ Time Management           |
| ✓ Assembly | ✓ SQL    | ✓ Excel                           | ✓ Discrete Mathematics       | ✓ Teaching & Tutoring       |

## EDUCATION & CERTIFICATIONS

- |                                                                                                              |                  |
|--------------------------------------------------------------------------------------------------------------|------------------|
| NATIONAL TECHNICAL UNIVERSITY OF ATHENS, NTUA                                                                | 2022–2027 (exp.) |
| <b>B.Sc. Electrical and Computer Engineering</b>                                                             | GPA 9.0/10       |
| Flows: Computer Systems (Y), Computer Software (L), Bioengineering (I).                                      |                  |
| IONIDEIOS MODEL HIGH SCHOOL, PEIRAEUS                                                                        | 2016–2022        |
| <b>Student</b>                                                                                               | GPA 20.0/20      |
| Participated in Competitive Math, Mobile Software Development, Competitive Programming and Literature Clubs. |                  |
| UNIVERSITY OF MICHIGAN                                                                                       | Dec 2018         |
| <b>Certificate of Proficiency in English (ECPE)</b>                                                          |                  |

## EXTRACURRICULAR WORK & VOLUNTEERING

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|----------------------------------------------------------------------------------------------------------------------------|--------------|
| IEEE NTUA STUDENT BRANCH                                                                                                   | 2023–present |
| <b>Member, Computer Society</b>                                                                                            |              |
| Active in the Machine Learning Chapter; organized events and contributed to projects on deep learning and custom datasets. |              |
| MATH & PHYSICS TUTORING                                                                                                    | 2019–present |
| <b>Part-time Tutor</b>                                                                                                     |              |
| Tutored students in mathematics, physics, and chemistry, from junior high competitions to national examinations.           |              |

## HONORS & AWARDS

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|--------------------------------------------------------------------------------------------------|----------|
| 🏆 IEEE IEEEExtreme 18.0 Programming Competition – Score: 345.19                                  | Oct 2024 |
| 🏆 NKUA & HPSEE National Physics Competition “Aristotle” – Honorable Mention                      | Mar 2022 |
| 🏆 HELLENIC MATHEMATICAL SOCIETY 37th National Mathematical Olympiad “Archimedes”                 | Feb 2020 |
| 🏆 HELLENIC SOCIETY FOR INFORMATICS 31st Panhellenic Student Competition in Informatics – Phase A | Jan 2019 |
| 🏆 NCSR “DEMOKRITOS” 2nd Student Conference on Research and Science                               | Dec 2018 |
| 🏆 HELLENIC MATHEMATICAL SOCIETY 35th National Mathematical Olympiad “Archimedes”                 | Mar 2018 |
| 🏆 HELLENIC MATHEMATICAL SOCIETY National Student Competition in Mathematics – 3rd Prize          | Mar 2018 |
| 🏆 HELLENIC SOCIETY FOR INFORMATICS 30th Panhellenic Student Competition in Informatics – Phase A | Jan 2018 |
| 🏆 CEMC, UNIVERSITY OF WATERLOO Gauss Contest – Top 25% globally                                  | May 2017 |