

# Antonis Skarlatos

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linkedin, github, bitbucket

## Education

2014 - 2018 **Undergraduate Student in Computer Science**, *CGPA: 8.43/10*.

- Department of Informatics and Telecommunications
- National and Kapodistrian University of Athens

Undergraduate Thesis **Relationship between treewidth and important parameters and how NP-complete problems can be solved in polynomial time in graphs with bounded treewidth.**

- Greek pdf: Undergraduate thesis
- Supervisor: Stavros Kolliopoulos

2018 - 2020 **Graduate Student in Theoretical Computer Science**, *current CGPA: 9.25/10*.

- (Expected)
- Department of Informatics and Telecommunications, Department of Mathematics, School of Electrical and Computer Engineering
  - National and Kapodistrian University of Athens, National Technical University of Athens

Graduate Thesis **The precedence constrained knapsack problem using mostly primal-dual algorithms.**

- Supervisor: Stavros Kolliopoulos

## Work Experience

Ting **Open source chat.**

- Ting is primarily created for educational purposes. It uses DJANGO for the back-end and REACT.JS for the front-end.

Freelancing **Freelance Projects.**

- Part-time freelance projects in C/C++/Python/PHP.

University **University Projects.**

- University projects related to machine learning and big data. In some of them I used the scikit-learn library in Python. Also for some projects I have used the LSH technique for finding the closest items based on a specific metric.

## Technical Skills

Languages (Preferred) C, C++, Python

Languages (Used) Java, C sharp, PHP, Javascript, HTML, CSS, SQL, Prolog, Haskell, Matlab

Skills Algorithms, Data structures

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## Hobbies and Interests

- Computer Science I like a lot anything related to algorithms. I like solving problems (Competitive Programming) from websites like codeforces, topcoder and taking part in contests. Some achievements are my qualifications in Round 2 of Facebook Cup 2016, 2017 and 2018.
- Others Music, guitar, football, travelling.