

Christina Karakosta

Curriculum Vitae

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📱 [ckarakosta](https://www.instagram.com/ckarakosta)

EDUCATION

Doctor of Philosophy (PhD)

10/2020 - Present **Computing Research**, Imperial College London, United Kingdom

- Research interest: Privacy-Preserving Data Sharing
- Supervisor: [Prof William J. Knottenbelt](#)
- [Splunk](#) PhD Scholar

Master degree

10/2017 - 09/2018 **Applied Economics & Data Analysis**, University of Patras, Greece

- Applied Micro-econometrics; Applied Macro-econometrics; *Managing Big Data*; Special Topics in Business Economics; Special Topics in Finance; Business Financial Analysis;
- Thesis: *"Trust Issues in Sharing Economy: A study based on Sentiment Analysis in Social Networks"*, [Grade: 10/10]
Supervisor: [Prof. Manolis Tzagarakis](#), Co-Advisor: [Dr. Victoria Daskalou](#)

Bachelor degree

09/2013 - 09/2017 **Economics**, School of Business Administration, University of Patras, Greece.

- *Economic theory (Microeconomics, Macroeconomics); Quantitative methods (Mathematics, Statistics, Econometrics); Applied-economic subjects.*

02/2016 - 06/2016 **Erasmus+ Studies**, Receiving Institution: John von Neumann University, Hungary.

- *Recognized courses in home institution:* Finance; Global Economic Trends & Regions; International Communication & Negotiating Techniques;
- *Extra Elective Courses taken:* International Marketing; Fundamentals of Company Management; Health Tourism Management; Foreign Economic Relations of Hungary; Introduction to the Hungarian Language;

RESEARCH / WORKEXPERIENCE

10/2020 - Present **Graduate Teaching Assistant**, Imperial College London, department of Computing, London, United Kingdom.

- [Cryptography Engineering](#) (COMP70009)
- [Introduction to Machine Learning](#) (COMP70050)
- [Natural Language Processing](#) (COMP70016)

12/2018 - 03/2019 **Research Assistant**, University College London (UCL), department of Computer Science, London, United Kingdom.

- Erasmus+ Traineeship on Reputation, Trust, and Privacy in the Sharing Economy: A Network Science Approach, [Financial Computing & Analytics](#) Group.
- Sentiment Analysis and Regression Analysis of multivariate social media data on Sharing Economy.
- Supervisor: [Dr Giacomo Livan](#), Senior Research Fellow

- 07/2017 - 09/2017 **Insurance and Financial Advisor**, "*Michalatos & Associates*" Insurance Office, affiliate of *Mega Brokers* in Patras, Greece.
- o University Internship, among 36 top students.
 - o Insurance and Financial advisor in a broker company; Target group analysis; Pricing of customer's contracts; Consultancy of alternative electricity providers.

CERTIFICATIONS

- March 2022 **The Complete FastAPI Course With OAuth & JWT Authentication** - UdeMy
- December 2020 **Introduction to Cybersecurity Tools & Cyber Attacks** authorized by IBM - Coursera
- December 2020 **Introduction to Cybersecurity for Business** authorized by University of Colorado - Coursera
- November 2020 **Cybersecurity in Healthcare (Hospitals & Care Centres)** authorized by Erasmus University Rotterdam - Coursera

COMPETITIONS – EXCELLENCES

BIC BUSINESS TALENTS, Diploma for using *Praxis MMT* simulator to manage a company and perform all of the associated analysis, planning and control activities in a realistic and competitive emulated environment, and for applying theoretical knowledge and developing the skills necessary to run and administer a business.

- 02/2017-05/2017 FINALS: 18th position among 815 teams - "companies"
- 02/2016-05/2016 SEMI FINALS

IT SKILLS

- Statistical Software: **Python, R, Stata, Gretl, IBM SPSS Statistics, EViews**
- Microsoft Office: *Excel, Word, PowerPoint, Internet*
- Other: *L^AT_EX*

LANGUAGE PROFICIENCIES

- Greek **Native competence**
- English **Fluent - Level C2**, *Certificate of Proficiency in English (ECPE)*, University of Michigan (2015)
- IELTS - Academic Module**, British Council, Issued Dec 2019

SEMINAR AND CONFERENCE ATTENDANCE (Selected)

- 23-26/05/2022 S&P 2022 , **43rd IEEE Symposium on Security and Privacy**, San Francisco, CA
- 12-16/07/2021 PETS 2021, **21st Privacy Enhancing Technologies Symposium**, Virtual Attendance
- 14-15/12/2020 WEIS 2020, **20th Annual Workshop on the Economics of Information Security**, Brussels (Virtual Conference)
- 06-12/12/2020 NeurIPS, **Thirty-fourth Conference on Neural Information Processing Systems**, United States (Virtual-only Conference)
- 16/04/2019 **Big Data: Trends and Prospects**, Patras, Greece
- 12/05/2018 **Crypto Day (Get Involved)**, Athens, Greece
- 15/12/2014 **The Role of Incubators in Boosting Entrepreneurship - the case of Orange Grove**, Patras, Greece
- 07/05/2014 **Workshop: "Social Economy and Entrepreneurship: from theory to practice"**, Patras, Greece
- 06/11/2012 **Collaborative Formations for the Development and Creation of Innovation, Corallia Clusters Initiative**, Patras, Greece

VOLUNTEER EXPERIENCE

04/2018 **5th Patras IQ**, MSc Student Volunteer, *Innovation & Knowledge Transfer Exhibition - Patras Innovation Quest (PATRAS IQ)*, Patras, Greece.

DISTINCTIONS AND AWARDS

04/2022 **2022 IEEE S&P Student Travel Grant**, *43rd IEEE Symposium on Security and Privacy*, San Francisco, CA.

10/2017 **Granting a full-tuition Scholarship to the Master's degree**, *MSc Applied Economics & Data Analysis*, Department of Economics, University of Patras, Greece.

REFEREES

Confirm gladly upon request

- Reference letter from [Prof William J. Knottenbelt](#), Department of Computing, Imperial College London.
- Reference letter from [Dr Giacomo Livan](#), EPSRC Digital Economy Early Career Fellow, Department of Computer Science, University College London.
- Reference letter from [Prof Manolis Tzagarakis](#), Department of Economics, University of Patras.