# Christina Karakosta
## Curriculum Vitae

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## ■ 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

*GPA: 8.21/10.00*

- ○ 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); Quantitive 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;

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## ■ RESEARCH / WORKEXPERIENCE

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

- ○ 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 by using statistical software tools (Python & R).
- ○ Supervisor: *Dr Giacomo Livan, Senior Research Fellow*

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| 07/2017 - 09/2017 | **Insurance and Financial Advisor**, *"Michalatos & Associates" Insurance Office, affiliate of Mega Brokers in Patras, Greece.* |

- University Internship, among 36 top students.
- Insurance and Financial advisor in a broker company; Target group analysis; Pricing of customer's contracts; Consultancy of alternative electricity providers.

## CERTIFICATIONS

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| 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

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| | **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: $18^{th}$ position among 815 *teams* or *"companies"* |
| 02/2016-05/2016 | SEMI FINALS |

## IT SKILLS

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| Statistical Software: | ***Python***, ***R***, *Stata, Gretl, IBM SPSS Statistics, EViews* |
| Microsoft Office: | *Excel, Word, PowerPoint, Internet* |
| Other: | *LaTeX* |

## LANGUAGE PROFICIENCIES

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| 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

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| 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 | **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

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

## DISTINCTIONS AND AWARDS

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 *Dr Giacomo Livan*, *EPSRC Digital Economy Early Career Fellow, Dept. of Computer Science, University College London.*
- Reference letter from *Prof Manolis Tzagarakis*, *department of Economics, University of Patras.*