

# Panagiotis Keramidis

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## EDUCATION

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- Copenhagen Business School**, Copenhagen, Denmark 12/2022 - present
- PhD candidate in Digitalization
    - Project: DIREC PhD
    - Subject: Business transformation and organizational decision making based on AI
- University of the Aegean**, Samos, Greece 10/2020 - 02/2022
- MSc. in E-Government (90 ECTS) – Full Tuition Fellowship
    - Grade: 9.33/10 “Excellent” (*highest grade*)
  - Thesis: “*Creation and dissemination of material and services for the Digital Governance Research Center*”
    - Thesis Grade: 10/10
- University of the Aegean**, Samos, Greece 09/2016 - 10/2020
- BSc & MEng. in Information and Communication Systems Engineering (5-year joint degree; 300 ECTS)
    - Grade: 7.73/10 “Very Good” (*highest grade*)
  - Thesis: “*Digital Governance Science Base: Analysis and Visualization of Structure and Neighboring Domains*”
    - Thesis Grade: 10/10
- 2<sup>nd</sup> High School of Naousa**, Naousa, Greece 09/2013 - 6/2016
- High School Graduation Certificate
    - Grade: 18.4/20 “Excellent”

## PROFESSIONAL & RESEARCH EXPERIENCE

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- PhD Researcher**, DCR Solutions, Copenhagen, Denmark 12/2022 – present
- Enrolled as a PhD fellow at Copenhagen Business School, Department of Digitalization.
  - Conducting research focusing on the role of Artificial Intelligence and Business Process Management technologies in the Business Transformation, with an emphasis on rule-based process mining, process intelligence as well as process automation. The objective is to identify how organizations implement such solutions, how the decision making process changes, what are the strategic and operational insights that are derived and ultimately what is the business value that is created by these solutions.
- Research Associate**, Information Systems Laboratory, University of the Aegean, Greece 10/2019 – 12/2021
- Member of the Information Systems Laboratory of the University of the Aegean, mainly interested in E-Government research projects and relevant academic tasks
  - The employment included: Research Conduction, Academic and Non-Academic Events Organization, Grant Proposals Planning and Writing, Teaching Assistance, Administrative Assistance and Social Media Coordination
- Content Manager**, Information Systems Laboratory, University of the Aegean, Greece 11/2020 - 12/2021
- Employed at the University-funded Project “Aegean Startups” - Digital Academic Accelerator of Innovation, Entrepreneurship and Actions with Social Impact for the Aegean Islands
  - The employment included: Business Ideas Contest Coordination, Online Platform Content Management, Sponsors and Supporters Contact, Social Media Coordination
- Research Associate**, Information Systems Laboratory, University of the Aegean, Greece 10/2021 - 12/2021
- Employed at the “PROMETHEUS” Project, which received EIT’s funding (European Institute of Innovation and Technology) - HEI Initiative: Innovation Capacity Building for Higher Education
  - The employment referred to the 1<sup>st</sup> Phase’s Deliverables (Work Package 3: PROMETHEUS Entrepreneurship Acceleration Platform) and included: Platform’s Requirements Specification, Survey Conduction for the Requirements Specification, Acceleration Activities Description
- Research Associate**, Information Systems Laboratory, University of the Aegean, Greece 11/2021 - 12/2021

- Employed at the “COMPAIR” Project, which received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036563
- The employment included: Preliminary Study, Research on the existing Carbon Footprint Calculators, Definition of the Basic Functionalities of such Systems

**Business Process Model and Notation Designer**, Diadikasia Business Consulting SA., Greece 01/2020 - 11/2021

- Employed at the Project “Simplification and standardization of the operating procedures of the local authorities - Standards of organization and operation - Specifications of the necessary information systems”, funded by the Hellenic Agency for Local Development and Local Government (E.E.T.A.A.)
- The employment included: BPMN Design, Meta-data Designation, Analyses and Reports Creation, Operation of ADONIS NP Software (BOC Products & Services AG)

**Research Associate**, Information Systems Laboratory, University of the Aegean, Greece 6/2020 - 10/2020

- Employed at the “Government 3.0” Project, which received funding from the Erasmus+ Knowledge Alliance, Project Reference No. 588306-EPP-1-2017-1-EL-EPPKA2-KA
- The employment included: Events Organization, Research and Visualization over the Project’s Digital Governance Science Base (as a part of my Diploma Thesis)

## PUBLICATIONS

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### Book Chapters

- Lachana, Z., Charalabidis, Y. & Keramidis, P. (2022). On the Structure of the Digital Governance Domain. In: Charalabidis, Y., Flak, L.S., Viale Pereira, G. (Eds.) Scientific Foundations of Digital Governance and Transformation – Concepts, Approaches and Challenges, Springer Nature Switzerland AG.  
[https://doi.org/10.1007/978-3-030-92945-9\\_4](https://doi.org/10.1007/978-3-030-92945-9_4)

### Scientific Conference Papers

- Alexopoulos, C., Keramidis, P., Viale Pereira, G. & Charalabidis, Y. (2021). Towards Smart Cities 4.0: Digital Participation in Smart Cities Solutions and the use of Disruptive Technologies. In: Information Systems: 18th European, Mediterranean, and Middle Eastern Conference, EMCIS 2021, December 8-9, 2021, Proceedings. Springer. [https://doi.org/10.1007/978-3-030-95947-0\\_18](https://doi.org/10.1007/978-3-030-95947-0_18)
- Keramidis, P., & Charalabidis, Y. (2021). Decisive Factors for Success or Failure of e-Democracy Initiatives in the Information Era. In: Proceedings of Ongoing Research, Practitioners, Workshops, Posters, and Projects of the International Conference EGOV-CeDEM-ePart 2021. CEUR. <http://ceur-ws.org/Vol-3049/Paper1.pdf>

## PRESENTATIONS

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- Paper Presentation “Decisive Factors for Success or Failure of e-Democracy Initiatives in the Information Era” at the “IFIP EGOV2021 conference”
- Workshop Presentation “Towards a Science Base for Digital Governance” at the conference “ICEGOV 2020 - 13th International Conference on Theory and Practice of Electronic Governance”
- Interactive Session “Elements of Innovation in Digital Public Services and how to describe them” Presentation at the conference “The 11th Samos 2021 Summit On ICT-enabled Governance”
- Workshop Presentation “The Structure and Concepts of Digital Governance Domain Workshop: Give your input on areas of Digital Governance” at the conference “The 10th Samos 2020 Summit On ICT-enabled Governance”
- Presentation of the Free and Open-Source Software Community of the University of the Aegean at the “Balkan FLOSStival 2020” Conference
- “Smart Hackerspace 101” Presentation at the “Foscomm 2018” Conference
- “Twine - Interactive, non-linear storytelling tool” Presentation at the conference “Foscomm 2017”
- Over 30 Student Community Presentations and Workshops on Free and Open-Source Software and Hardware, Privacy, Science, History of Science, Engineering and Astronomy

## CERTIFICATIONS - COURSES

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- **360/Digital Sherlocks Training Program**, Digital Forensic Research Lab – Atlantic Council, January 2023.

- **SaSC01x: Smart and Sustainable Cities: New Ways of Digitalization & Governance**, DelftX – Delft University, edX Inc. (online learning platform), October 2022.
- **Common Challenges of Competing Regionalisms (MOOC - SVJS.TK.025)**, University of Tartu, October 2022.
- **Certificate for Practical Knowledge Modelling: Ontology Development 101**, Udemey Inc. (online learning platform), August 2022.
- **Certificate for Quantitative and Qualitative Research for Beginners**, National University of Singapore, edX Inc. (online learning platform), August 2022.
- **The European Interoperability Framework (EIF) Online Training**, Interoperability Academy, EU Academy, May 2021.
- **Professional Certificate in Blockchain Fundamentals**, University of California, Berkeley, edX Inc. (online learning platform), April 2021.
  - **CS198.1x: Bitcoin and Cryptocurrencies** - University of California, Berkeley, edX Inc. (online learning platform), April 2021.
  - **CS198.2x: Blockchain Technology** - University of California, Berkeley, edX Inc. (online learning platform), April 2021.
- **ECPE C2 – Certificate of Proficiency in English**, University of Michigan, December 2017.

## HONORS & AWARDS

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- **Full Tuition Fellowship**, University of the Aegean, for being admitted 1st of the class in the graduate program “MSc in E-Government”, 2020-2021.
- **Scholarship**, Information and Communication Systems Engineering Department, University of the Aegean, Fall graduation of the undergraduate program, for highest grade (valedictorian), 2020.
- **2020 iGOvDIGITAL Awards**, 2020, 3rd place, Participation with the idea “Astrid” in the Competition - part of the Government 3.0 project, 2020.
- **Copernicus Hackathon Leicester 2019**, 2nd place, Copernicus European Union's Earth observation programme contest – “Cassava” team member, 2019.

## SKILLS

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- **Research Skills:** Literature Review, Case Studies, Survey Research, Taxonomy Conception, Ontology Conception, Data Collection, Data Analysis
- **Grant Proposals Planning and Writing Skills:** European Union-funded Proposals Research and Writing (Erasmus Mundus Joint Masters, Erasmus+ Key Action 2, Erasmus+ Jean Monnet Centres of Excellence), Grant Proposal Budget Tables Formation, Grant Proposal Partners Contact
- **Teaching Assistance Skills:** Educational Material Creation (presentations, video tutorials), Undergraduate Diploma Theses Mentorship, Undergraduate Exams Supervision and Coordination
- **Academic Administrative Skills:** Events, Conferences and Contests Coordination (physical & virtual), University Procurement Supervision Assistance, Reports Creation, Proposals Indexing and Analysis
- **Programming Languages, Frameworks and Software Products:** Adonis NP, Protégé, SQL, Python, MATLAB, SPSS, Git, Office
- **Software Engineering Skills and Methodologies:** UML, BPMN, SSADM, RUP, Agile, Prototyping, Requirements Specification
- **Content Creation and Management:** Design, Development, Testing and Management of Websites using CMS, Social Media Management
- **Soft Skills:** Community Experience, Hackathons and Contests Participation, Advocacy (topics: Free and Open-Source Software, Privacy, Data Protection), Non-formal Education Experience, Public Speaking, Project Management, Communication, Leadership

## VOLUNTEERING EXPERIENCE

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- “Internet Governance Forum Greece” Organizing Committee Member, 2021-2/2023
- Participation in Free and Open-Source Software Projects (Wikipedia, Moodle, Mozilla Firefox), 2017-2021
- Participation in the Erasmus+ Youth Exchange Program “Add, Tag, Protect, Respect - Buşteni 2018”, Project Reference: 2017-1-RO01-KA105-035779, Buşteni, Romania, 2018

## SOCIETIES & AFFILIATIONS

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- **Institute for Internet and Just Society**, Internet Governance Forum Greece Organizing Committee Member, 2021-2/2023
- **Free and Open-Source Software Community** of the University of the Aegean, Community Leader, 2017-2021
- **Students' Radio Station** of the University of the Aegean in Samos, Radio Producer, 2019-2020
- **Observational Astronomy Group** of the University of the Aegean, Board Member, 2017-2019
- **Erasmus Student Network** of the University of the Aegean Member, 2017-2018

## **LANGUAGES**

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