

Elisjana Ymeralli

UX/UI Designer, Software Engineer, and R&D Engineer



About Me

I am a Software Engineer with more than 7+ years of work experience in Analysis, Design and Development of online Products and Services.

I hold a Master of Science (MSc) in [Information Systems](#) (2017) and a Bachelor of Science (BSc) in [Computer Science](#) (2012) from the [University of Crete](#). I have served many roles of software engineering (i.e., Full Stack Developer, UX/UI Designer, and WordPress/CMS Developer). As senior software engineer, I am involved and participated in all stages of Web Design and Development of applications in several National and European funded projects. Currently, I am working as UX/UI Designer & Web Developer in the [Information Systems Laboratory](#) of the [Institute of Computer Science](#) at [FORTH](#).

Contact

Address:

Lab: Γ (Gamma) 160
Foundation for Research and Technology- Hellas (FORTH)
Institute of Computer Science

Phone:

+30 6941541681

Email:

yelisjana@gmail.com

Language

Albanian – Native/Bilingual Proficiency

Greek – Native/Bilingual Proficiency

English – Full Professional Proficiency

Work Experience

UX/UI Designer – 2018 to Present

- Requirement analysis specification.
- Create, organize and develop mockups and prototypes.
- Adhere to style standards on colors, fonts and images.
- Analyze and evaluate usability.

Front End Developer – 2020 to Present

- Consume backend services.
- Using HTML5, CSS3, JavaScript
- Using appropriate libraries and frameworks (i.e., JQuery, SASS, and Bootstrap).
- Develop and maintain a user-friendly interface

Backend Developer – 2020 to 2021

- Using Java language to build code.
- Build and maintain databases (i.e., MySQL, PostgreSQL, and Virtuoso).
- Implementing Restful APIs (i.e., swagger).
- Testing and debugging code

Full Stack Developer – 2018 to 2023

- Build the client side (i.e., HTML5, CSS3, jQuery, AJAX).
- Build the server side. (i.e., Java, Swagger API, Maven)

WordPress/CMS Developer – 2020 to 2023

- Design and develop new features.
- Keep updated with the latest plugins, themes, or modules.

Education

Master of Science: Computer Science Department – (2014 - 2016)

Bachelor of Science: Computer Science Department – (2007 - 2012)

Fellowship

Trainee/Associated Researcher Fellowship, 2016-2017

Post Graduate Fellowship, 2014-2016

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My Technical Skills

- Java
- C
- Python
- JSON
- XML
- PostgreSQL
- MySQL
- Javascript
- jQuery
- HTML5
- CSS3
- AJAX
- Linux/Unix
- Maven

My Professional Skills

- Teamwork
- Critical Thinking
- Creativity
- Problem Solving
- Communication
- Multitasking
- Attention to Detail
- Decision Making

Honors & Awards

- Representing Online Debates in the Context of E-journalism – Best Paper Award 2022 [\[Link\]](#)
- A Rewarding Framework for Crowdsourcing to Increase Privacy Awareness – Best Paper Award 2021 [\[Link\]](#)

My Hobbies

- ✚ Design
- ✚ Coding
- ✚ Photography
- ✚ Travel

Relevant Projects

The APOPSIS Project – 2022 to 2023

APOPSIS is a web-based deliberation platform that aims to motivate online users to participate in well-structured dialogues by raising issues and posting ideas or comments, related to goal-oriented topics of discussion. The system is designed to enable more structured and less confusing argumentative discussions, thus helping sense-makers in understanding the dynamic flow of the dialogue. APOPSIS can be used in everyday deliberation, as well as decision-making discussions, where users exchange their viewpoints and argue over a plethora of topics...[See more](#)

The DebateLab Project – 2020 to 2023

The DebateLab project is designed to deal with real arguments, extracted from existing sources and corpora. The aim of DebateLab is to conduct research towards developing the required theoretical infrastructure for representing, mining and reasoning with online arguments, and develop and deliver a suite of tools and services supporting the uptake and initial exploitation of the related technologies...[See more](#)

The CAP-A Project– 2019 to 2020

CAP-A offers a socio-technical solution based on collective awareness and informed consent, where by data collection and use by digital products are driven by the expectations and needs of the consumers themselves, through a collaborative participatory process and the configuration of collective privacy norms...[See more](#)

The Heraklion Smart City Project – 2017 to 2018

The ecosystem is the implementation of the internet Of Things (IoT) and open data infrastructure in a specific Greek smart city, the city of Heraklion, Crete. The project offers a web portal which is available to the municipality and the public through the Heraklion Smart City portal. The system was developed with the State-Of-Art technologies...[See more](#)

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Research Work

- Elisjana Ymeralli, Giorgos Flouris, Vasilis Efthymiou, Katerina Papantoniou, Theodore Patkos, George Petasis, Nikiforos Pittaras, Giannis Roussakis, and Elias Tzortzakakis. **Representing Online Debates in the Context of E-Journalism, Best Paper Award 2022** In Proceedings of the 16th International Conference on Advances in Semantic Processing, 2022 [\[Link\]](#)
- Giorgos Flouris, Vasilis Efthymiou, Katerina Papantoniou, Theodore Patkos, George Petasis, Nikiforos Pittaras, Giannis Roussakis, Elias Tzortzakakis, and Elisjana Ymeralli. **DebateLab Tools for E-Journalism and Informed Citizenship**, the 4th Summit on Gender Equality in Computing (GEC 2022). [\[Link\]](#)
- Yannis Roussakis, Giorgos Flouris, Dimitra Zografistou, and Elisjana Ymeralli **Extending the ArgQL Specification** In Proceedings of the 6th International Joint Conference on Rules and Reasoning (RuleML+RR 2022). [\[Link\]](#)
- Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, Tom Seymoens, Anastasia Dimou, Ruben Verborgh. **A Rewarding Framework for Crowdsourcing to Increase Privacy Awareness**. In Proceedings of the 35th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec-21), 2021. [\[Link\]](#)
- Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, **Evaluating the data privacy of mobile applications through crowdsourcing** In Proceedings of the 33rd International Conference on Legal Knowledge and Information Systems (JURIX-20), Short Paper, 2020. [\[Link\]](#)
- Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, **CAP-A: A Suite of Tools for Data Privacy Evaluation of Mobile Applications**. In Proceedings of the 33rd International Conference on Legal Knowledge and Information Systems (JURIX-20), Demo Paper, 2020. [\[Link\]](#)
- Alexandru Stan, Konstantina Geramani, George Ioannidis, Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, **CAP-A: A community-driven approach to privacy awareness**, In Proceedings of the NEM Summit 2020, B' Smart – European Media Science and Technology Meets Arts, Application, Experimental and Business Track, 2020. [\[Link\]](#)
- Manos Kalaitzakis, Manousos Bouloukakis, Pavlos Charalampidis, Manos Dimitrakis, Giannis Drossis, Alexandros Fragkiadakis, Irimi Fundulaki, Katerina Karagiannaki, Antonis Makrogiannakis, Georgios Margetis, Athanasia Panousopoulou, Stefanos Papadakis, Vassilis Papakonstantinou, Nikolaos Partarakis, Stylianos Roubakis, Elias Tragos, Elisjana Ymeralli, Panagiotis Tsakalides, Dimitris Plexousakis and Constantine Stephanidis. **Building a Smart City Ecosystem for Third Party Innovation in the City of Heraklion** A chapter available in the "Mediterranean Cities and Island Communities Smart, Sustainable, Inclusive and Resilient", 2018. [\[Link\]](#)
- Elisjana Ymeralli, Giorgos Flouris, Theodore Patkos, and Dimitris Plexousakis. **APOPSIS: A Web-Based Platform for the Analysis of Structured Dialogues** In Proceedings of the 16th International Conference on Ontologies, Databases, and Applications of Semantics (ODBASE-17) in Rhodes, 2017. [\[Link\]](#)