

Raluca-Dana Ciure

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SUMMARY

Human-Computer Interaction master student, currently doing an internship on Project Portfolio Management. With a background in Computer Science, Innovation, and Entrepreneurship, my goal is to bring digital interactions to new heights, while focusing on the needs of the users.

WORK EXPERIENCE

Project Manager - SES, Luxembourg

Feb 2024 - present

- Utilized big data analytics skills and large volume database queries to support and enhance Project Portfolio reporting systems, developing data-driven insights with Power BI for more informed decision-making.
- Led an initiative to reduce company software license costs, successfully transitioning 70% of employees from premium to basic plans, resulting in significant cost savings;
- Conducted predictive analysis and modeling using Monte Carlo simulation at both organizational and project levels, providing accurate future forecasts and improving project planning accuracy.

Software Developer - Zenitech, Romania

Jul 2021 - Aug 2022

- Designed and implemented the back-end of a web application using Golang and the Google Maps API, enabling architects to upload their work and have corresponding areas dynamically drawn on the map.
- Developed both the front-end (React Native) and back-end (Java Spring) components of a web/mobile application for digital inventory management, streamlining the company's inventory processes.

EDUCATION

2022 - present **MSc in Human-Computer Interaction and Design** at Aalto University and Technical University of Madrid

2018 - 2022 **BSc in Computer Engineering** at Technical University of Cluj-Napoca

SKILLS

Software development	JavaScript, Typescript.css, HTML/CSS, NextJS, React, React Native, Angular, Flutter, Android Studio, Java, Spring, Hibernate, Python, C/C++, MySQL, Firebase
UI/UX Design	User research, Usability testing, Heuristics evaluation, Wireframing, low-fi and high-fi prototyping, Accessibility principles (WCAG), Figma, A/B Testing.
Tools	Git, Jira, Power BI, Microsoft Azure, Tableau, Blender
Analytical skills	Agile/Scrum Methodologies, Project Planning, Critical Thinking, Problem Solving, Business Objects, Business Modeling, Market Analysis, Value Proposition Canvas, PEST and SWOT analysis
Languages	Romanian - native — English - fluent — French and Spanish - intermediate

PUBLICATIONS

Ciure, Raluca-Dana et al. (2022). "Spike sorting using Superlets: Evaluation of a novel feature space for the discrimination of neuronal spikes". In: *2022 IEEE 18th International Conference on Intelligent Computer Communication and Processing (ICCP)*, pp. 229–235. DOI: [10.1109/ICCP56966.2022.10053955](https://doi.org/10.1109/ICCP56966.2022.10053955).