

Dimitrios Papadakis

Computational Linguistics • Human-Centred Language Technology • LLM Evaluation

Athens, Greece papasjim98@yahoo.gr +30 698 869 3601

dimitrispapadakis.gr linkedin.com/in/dimitris-papadakis-339632222 github.com/dimitrispapad ACL Anthology

PROFILE

Computational linguist (M.A., 9.44/10) interested in human-centred language technology: how large language models handle Modern Greek and its dialects, and how to evaluate them against real human needs. Co-authored work at EACL Findings and VarDial on LLM evaluation, dialectal datasets and perplexity-based dialectometry; research stay at LORIA (Nancy). Applied experience as co-founder of SimasiaAI, deploying semantically grounded AI assistants for patients and people with disabilities. Seeking a funded doctoral position (e.g. MSCA Doctoral Network or industrial doctorate).

EDUCATION

M.A. in Linguistics — GPA 9.44/10

2022 – 2025

University of Crete, Dept. of Philology, Rethymno

Thesis: *A Computational Criticism Analysis of Papadimantiss' Work: Language, Topics, and Clustering.*

Excellence Scholarship for postgraduate students, ELKE, University of Crete (Nov 2024 – Aug 2025).

B.A. in Classics, Languages, Literatures & Linguistics (Linguistics Division)

2016 – 2022

University of Crete, Dept. of Philology, Rethymno

PUBLICATIONS

- Chatzikyriakidis, S., Psaltaki, E., **Papadakis, D.**, Henriksson, E., & Laippala, V. (2026). Perplexity as a Metric for Dialectal Distance: A Computational Study of Greek Varieties. *Proceedings of VarDial 2026 (EACL 2026 workshop)*. [\[ACL Anthology\]](#)
- Chatzikyriakidis, S., **Papadakis, D.**, Papaioannou, S.-I., & Psaltaki, E. (2025). GRDD+: An Extended Greek Dialectal Dataset with Cross-Architecture Fine-tuning Evaluation. *arXiv:2511.03772*. [\[arXiv\]](#)
- Kogkalidis, K., Chatzikyriakidis, S., Giannikouri, E., Katsouli, V., Klironomou, C., Koula, C., **Papadakis, D.**, et al. (2024). OYXOY: A Modern NLP Test Suite for Modern Greek. *Findings of the Association for Computational Linguistics: EACL 2024*.
- Chatzikyriakidis, S., Qwaider, C., Kolokousis, I., Koula, C., Sakellariou, E., & **Papadakis, D.** (2023). GRDD: A Dataset for Greek Dialectal NLP. *arXiv:2308.00802*. [\[arXiv\]](#)
- Amanaki, E., Bernardy, J.-P., Chatzikyriakidis, S., et al., **Papadakis, D.**, et al. (2022). Fine-grained Entailment: Resources for Greek NLI and Precise Entailment. *Workshop on Dataset Creation for Lower-Resourced Languages, LREC 2022*.
- **Papadakis, D.** (2025). *A Computational Criticism Analysis of Papadimantiss' Work: Language, Topics, and Clustering*. M.A. thesis, University of Crete. [\[PDF\]](#)

Literary: **Papadakis, D.** (2023). *And the Bird's Espresso* [poetry collection]. Athens: Iolkos Publications. ISBN 978-960-640-175-6.

EXPERIENCE

Co-founder & Head of Sales and Operations

Oct 2025 – present

SimasiaAI, Athens — AI start-up co-founded with Prof. Stergios Chatzikyriakidis (University of Crete)

- Lead the full commercial cycle — prospecting, needs analysis, proposals, negotiation and closing — plus institutional partnerships and delivery for semantically grounded, verifiable AI assistants.
- Secured and delivered the company's first client deployments within its first year:
 - **Myrto AI** (KAPA3): first digital health navigator in Greece for cancer patients and their families;
 - **SKP-i** (POAMSKP): assistant for people with multiple sclerosis and their carers;
 - **BPAN Heroes**: guidance assistant for families of children with the rare disease BPAN;
 - **Perfectaki Able**: accessibility assistant mapping disability-friendly places.
- Coordinated a custom AI digital assistant for participants of the *Chios Forum: Choices* (Sep 2026).
- Act as the bridge between users' needs and the engineering team: requirements, RAG design choices, human-centred evaluation and go-live, in Greek and English.

Research Assistant (3 funded projects)

May 2023 – Jun 2024

University of Crete — Special Account for Research Funds (ELKE)

- Built datasets for computational processing of Greek, contributing to the Greek dialect corpora GRDD and GRDD+.
- Field research: collection and processing of child-speech data for phonological acquisition.

Research Intern (Erasmus+)
Feb 2025 – May 2025

LORIA — Laboratoire Lorrain de Recherche en Informatique et ses Applications, Nancy, France

Erasmus+ Project Coordinator
Apr 2023 – Oct 2023

European Education and Learning Institute, Rethymno

- Coordinated EU-funded research programmes and international student mobilities.

Earlier roles

2025	Administrative support, Customer Service Directorate — EYDAP (Athens Water), Athens
2024	Data Analyst & Back-Office Operator — ThinkVilla Bespoke Stays, Rethymno
2023	Paid staff, M.A. Linguistics programme — Dept. of Philology, University of Crete
2022	Library Cataloguer — Hellenic Parliament Library, School of Halki, Istanbul (also Erasmus+ trainee, Mar–May 2022)
2021–22	Teaching trainee — 1st High School of Atsipopoulo, Rethymno

SKILLS & LANGUAGES

Commercial	B2B sales cycle, negotiation, proposal writing, partnerships, stakeholder management, public speaking & moderation
LLM & NLP	RAG pipelines, prompt engineering, in-context learning, fine-tuning (PEFT/LoRA), bias detection, LLM evaluation (perplexity, BLEU, ROUGE, human evaluation)
Tools	Python, Hugging Face Transformers, LangChain, LlamaIndex, spaCy, NLTK, scikit-learn, pandas; OpenAI / Anthropic APIs; ChromaDB, Pinecone; Git, ~~TeX~~
Languages	Greek (native) • English (C2, ECPE – University of Michigan) • French (B1, Sorbonne) • Turkish (basic)

PUBLIC SPEAKING & TEACHING

Sep 2026	Host & Panel Moderator , <i>Chios Forum: Choices</i> , Homerion Cultural Center, Chios — main presenter; moderated a panel on AI, Generation Z, career decisions and the future of work.
Jun 2026	Host & Presenter , 1st Poetry Festival “ <i>New Voices</i> ”, Rethymno.
2024–26	Instructor , Creative Writing Seminar (two cycles), Cultural Center of EYDAP Employees, Athens.
2022–23	Teaching Assistant , University of Crete: GLOF142 <i>Introduction to Computational Linguistics</i> ; GLOF175 <i>Levels of Grammar</i> .
2022–23	Conference presentations : 43rd Annual Meeting of the Dept. of Linguistics, AUTh (2022); 16th International Conference on Greek Linguistics, poster (2023).