



Paschalis Agapitos

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Address: Groningen, Netherlands (Work)

● WORK EXPERIENCE

01/09/2022 – CURRENT Groningen, Netherlands

UNIVERSITY TEACHING AND RESEARCH ASSISTANT COMPUTATIONAL SEMANTICS - UNIVERSITY OF GRONINGEN (RUG)

As Teaching Assistant, my main responsibility is to help students during the coding labs and mark and grade their weekly assignments and exams in collaboration with the appointed professor.

As Research Assistant, I am working with three other professors, Federico Pianzola, Andreas van Cranenburgh, and Tommaso Caselli at the University of Groningen to create an interactive Quarto textbook that will cover main concepts of Coding for Humanities, Data Collection, and Data Analysis.

Business or Sector Professional, scientific and technical activities

15/09/2019 – 15/06/2021 Alexandroupolis, Greece

LITERATURE TEACHER SECONDARY SCHOOL FRONTISTIRIO PROOPTIKI

Preparation of lesson plans specialising in Ancient/ Modern Greek and Latin literature. My responsibilities were the preparation of tests in order to evaluate students' progress and a continuous effort to impart the knowledge that I acquired in my Bachelor's around Ancient/ Modern Greek and Latin literature to them.

Business or Sector Education | **Address** 14is Maiou 77, 68100, Alexandroupolis, Greece |

Email prooptiki.alex@gmail.com

01/07/2018 – 31/08/2018 Alexandroupolis, Greece

ARCHAEOLOGIST ASSISTANT (PLACEMENT/TRAINEESHIP) MINISTRY OF CULTURE - EPHORATE OF ANTIQUITIES OF EVROS INSTITUTION

My main tasks at Ministry of Culture - Ephorate of Antiquities of Evros Institution was to organise the catalogues which archaeologists used. Furthermore I organised the library that the museum holds and helped archaeologists at their main activities and responsibilities, such as reviews on fields and guided tours in the museum.

Business or Sector Arts, entertainment and recreation | **Department** Archaeology Museum |

Address Leoforos Makris 44, 68131, Alexandroupolis, Greece | **Email** efaevr@culture.gr |

Website http://odysseus.culture.gr/h/1/gh151.jsp?obj_id=24444

● EDUCATION AND TRAINING

01/09/2021 – 09/08/2022 Groningen, Netherlands

MA IN DIGITAL HUMANITIES University of Groningen

Address Oude Kijk in 't Jatstraat 26, Groningen, Netherlands | **Website** <https://www.rug.nl/?lang=en>

28/09/2020 – 01/02/2021 Athens, Greece

DATA SCIENCE WITH PYTHON (DISTANCE LEARNING) National and Kapodistrian University of Athens:Center of Continuing Education and Lifelong Learning

Address Secretary: Stadiou 5, 1st floor. Office 109, 10562, Athens, Tel.: 210 3689354, Athens, Greece |

Field of study Information and Communication Technologies (ICTs) not further defined , Database and network design and administration |

Final grade 98.33%

07/12/2020 – 08/02/2021 Athens, Greece

HTML5 KAI JAVASCRIPT: FIRST STEPS IN WEB DEVELOPMENT (DISTANCE LEARNING) National and Kapodistrian University of Athens:Center of Continuing Education and Lifelong Learning

Address Athens, Greece | **Field of study** Database and network design and administration

22/09/2014 – 23/01/2019 Ioannina, Greece

BA IN PHILOLOGY (SPECIALIZATION: "ANCIENT GREEK AND LATIN LINGUISTICS (CLASSICS)") University of Ioannina/ Department of Philosophy

Address Bizani 455 00 , Ioannina, Greece | **Website** <https://philology.uoi.gr/> |

Field of study Literature and linguistics | **Final grade** 7,20 | **Type of credits** ECTS | **Number of credits** 240

● LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Python

Data Science with Python | Data Gathering, Data Processing, Data Visualization, Data Analysis | Natural Language Processing (NLP)

RStudio

Basic knowledge of RStudio | Data analysis with R

Web Development

Basic Knowledge HTML5 | Basic Knowledge JavaScript

Version Control

moderate knowledge of GIT and GitHub

● ADDITIONAL INFORMATION

PUBLICATIONS

A Stylometric Analysis on Seneca's disputed plays: Authorship Verification of Octavia and Hercules Oetaeus (in peer-review)

– 2022

Contemporary literary scholars argue that the plays *Octavia* and *Hercules Oetaeus* may have been erroneously attributed to Seneca. We address this problem of disputed authorship using several computational stylometric methods. We first investigate the stylistic similarities within the Senecan corpus. A Principal Component Analysis based on character n-gram frequencies shows that *Octavia* and *Phoenissae* behave as outliers in the corpus. Next, a Bootstrap Consensus Tree of Senecan texts and contemporary distractor authors confirms the outlier status of these plays, although they are still attributed to the Senecan branch and therefore stylistically distinct from the distractor texts.

Finally, we apply the General Imposters method, in which the authorship of a disputed text is verified by picking the stylistically most similar text from a line-up of texts by the candidate author and imposters. The procedure is repeated many times to increase the robustness of the result. We find that the disputed texts are attributed to Seneca the Younger with a remarkably high degree of certainty, despite the large number of distractor authors (31). We therefore conclude that there is strong empirical support for the attribution of *Octavia* and *Hercules Oetaeus* to Seneca.

Paschalis Agapitos, Andreas van Cranenburgh

PROJECTS

01/10/2022 – CURRENT

Cultural Analytics Open Science Guide This [project](#) is part of the [Centre of Digital Humanities](#) in Groningen. It is a textbook created with Quarto that it is going to be used teaching material in the courses of *Coding for Humanities*, *Collecting Data* and *Analysing Data*. Currently only the material on how to collect and preserve data has been published but more content is going to be uploaded within the next months. My contribution to this project is to collect the material, curate it according to the needs of the project as stated by my supervisors, and create the website that will host it using Quarto.

Link <https://github.com/GroningenDH/Cultural-Analytics-Open-Science-Guide>

01/12/2021 – 01/02/2022

Stylometric Analysis on British Political Speeches In this class project for the course "Collecting Data" (professor: Dr. Federico Ponzola), I worked with Jan-Tieme Bakema, Maria Sygletou and Thomas Hoekstra. Our aim was to scrape British Political Speeches from [British Political Speech | Speech Archive](#) and [Winston Churchill | International Churchill Society](#) and, consequently, to implement some basic stylometric methods in order to explore Churchill's speaking style in accordance with British political parties. Everything was collected and added in an overarching Jupyter book with the title [Stylometric Analysis on Churchill's Political Speeches \(SAPS\)](#) through which someone can read and follow our way of thinking for this project.

Links <https://paschalisag.github.io/SAPS/intro.html> | <https://github.com/Rohrym/Stylometric-Analysis-on-British-Political-Speeches>

01/03/2022 – 01/04/2022

Machine Learning Translation Model with Python This project is a preliminary machine learning model trained on Modern English with a target language of Modern Greek. For more information, click on the [link](#).

Link https://github.com/PaschalisAg/english_to_greek_ML_trans_project

25/06/2022 – 10/07/2022

Text Summarisation with Python This is the final project of the course [Natural Language Processing with Python](#) offered by Codecademy.

It is a text summarization algorithm that takes as an input a document (".txt" extension) and outputs the summary of this document.

The main aim of this project was to summarize the key points of a long document based on pre-set conditions that were implemented in the algorithm.

Link https://github.com/PaschalisAg/text_summarization_python_NLP

CONFERENCES AND SEMINARS

14/03/2023 – 15/03/2023 – Norman Building, Lutkenieuwstraat 5, 9712 AW Groningen, The Netherlands

Computational Approaches to Ancient Greek and Latin Workshop (2nd edition) Paschalis Agapitos and Andreas van Cranenburgh (Groningen) *A Stylometric Analysis of Seneca's Disputed Plays: Authorship Verification of Octavia and Hercules Oetaeus*

Link <https://dcagreeklatin.web.rug.nl/programme-2023-edition/>