



Frank Andreas Spósito

Date of birth: 19/10/1965 | **Nationality:** American | **Gender:** Male | (+43) 15336610 |

spósito@wiiw.ac.at | <https://wiiw.ac.at> | Rahlgasse 3, 1060, Vienna, Austria

● WORK EXPERIENCE

01/2021 – CURRENT – Vienna, Austria

APPLICATION DEVELOPER AND DATA MANAGEMENT LIBRARIAN – THE VIENNA INSTITUTE FOR INTERNATIONAL ECONOMIC STUDIES (WIIW)

09/2018 – 12/2020 – Vienna, Austria

PROGRAMMER & TECHNOLOGY LEAD – FASRESEARCH SOZIALWISSENSCHAFTLICHE FORSCHUNGSGESELLSCHAFT MBH

- Oversee technological strategy and implementation: web application development, database development, workflow enhancement, and visualization tools for both external clients and internal staff
- Design and develop (write) full-stack, web-based application services. Frontend: ECMAScript, CSS3, HTML5; backend: Node.js (13+), PHP (7+), MySQL/MariaDB (10+)

2010 – 2017

ARCHIVAL TECHNOLOGIES LEAD – THE AUSTRIAN SOCIAL SCIENCES DATA ARCHIVE

- Oversee all technological systems related to archival data management platform
- Develop & implement long-term data management, data security & data reuse strategy
- Oversee data migration, harvesting & ETL from legacy database systems & external sources
- Design, develop & implement backend web applications to supplement archival management systems
- Design, implement & maintain secondary relational database environments (PostgreSQL, MySQL) for capture and storage of non-standard data and metadata resources

2007 – 2009

DATA MANAGEMENT/DATA VISUALIZATION CONSULTANT – SELF-EMPLOYED FREELANCER

- Provide data management and planning services to business and research professionals
- Design, build, and manage data capture, storage, and distribution systems (mostly MySQL & SQL Server)
- Develop custom data management and data visualization web applications

2002 – 2006

SMALL BUSINESS DEVELOPMENT CONSULTANT – UNITED STATES PEACE CORPS

- Provide technology & operations training for small businesses in rural Morocco
- Create custom economic and operational databases (MySQL) to support educational program and growth
- Create custom web applications (PHP) to support marketing and sales for small business products and services

1999 – 2001 – Washington, DC, United States

DIRECTOR OF RESEARCH PLANNING & DEVELOPMENT – ASSOCIATION OF AMERICAN MEDICAL COLLEGES

- Create business intelligence (BI) warehouse (Oracle) from internal & external operational data sources
- Develop analytical reporting infrastructure (including data-driven applications) for internal decision support
- Create custom BI benchmarking reports for internal departments and external clients (large private health systems)

1997 – 1998 – Washington, DC, United States

PRACTICE MANAGER – ADVISORY BOARD COMPANY

- Lead research teams and projects in healthcare finance, economics, and policy
- Develop and deploy quantitative analysis databases and tools to support research work

1996 – Chicago, United States

ASSISTANT PROFESSOR – UNIVERSITY OF CHICAGO, DEPARTMENT OF POLITICAL SCIENCE

- Research in theoretical foundations of political science
- Graduate and undergraduate student instruction

1995 – Berkeley, California, United States

POST-DOCTORATE FELLOW IN POLITICAL SCIENCE – UNIVERSITY OF CALIFORNIA

- Research in contemporary political theory

● EDUCATION AND TRAINING

06/2017 – Denver, Colorado, United States

MASTER OF LIBRARY AND INFORMATION SCIENCE, MLIS – University of Denver

- Specialization: data curation, data archives, information management, analytical infrastructure design (BI)

06/1995 – San Diego, California, United States

PHD DOCTORATE IN POLITICAL SCIENCE – University of California

- Specialization: political science, policy, international relations

12/1990 – San Diego, California, United States

MASTER OF ARTS, MA IN POLITICAL SCIENCE – University of California

06/1988 – Riverside, California, United States

BACHELOR OF ARTS, BA IN POLITICAL SCIENCE AND PSYCHOLOGY – University of California

● LANGUAGE SKILLS

Mother tongue(s): ENGLISH

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
SPANISH	B2	B2	B2	B2	B2
FRENCH	B2	B2	B2	B2	B2
GERMAN	A2	A2	A2	A2	A2

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

● DIGITAL SKILLS

Data

MySQL | Oracle(10-) | Dataverse | SQL Server | MS Access | IndexeDB | SQLite | Web SQL | NoSQL | Open Refine | PostgreSQL | + others

Development

PHP | jQuery | Raphael | CSS3 | React | VBS | Angular | VBA | Next | Node.js | basic functionality in
Java | Visual Basic | HTML5 | RegExp | VB.NET | ECMA 6+ | D3

Statistical & BI

SAS | Excel | R | SPSS | Stata | Tableau | basic functionality in Python

System

Linux (CentOS) | Windows | iOS

Graphical

GIMP | Advanced vector graphics | Inkscape | anything Adobe