Professional CV

Name: **Dr. Vincellér Zoltán**
Date of birth: **1956.08.10**
e-mail: **vzoli@inf.elte.hu**

Workplace

ELTE-Soft Nonprofit Kft.
managing director
1117, Budapest, Pázmány Péter sétány 1/A Északi ép. 7.71

ELTE Faculty of Informatics
Department of Information Systems
1117, Budapest, Pázmány Péter sétány 1/C

Previous jobs

ELTE Faculty of Informatics Department of Information Systems (2003-)
ELTE TTK Department of Information Systems (1997-2003)
ELTE TTK Department of General Computer Science (1992-1997)
ELTE Computer Center, Small Computer Software Independent Group (1984-1992)
Debrecen SZÜV (1982-1984)

Studies, diploma

2010. lawyer, Szeged
1980. certified mathematician, KLTE Debrecen
1980. secondary school teacher in mathematics, KLTE Debrecen

Projects

BKK Shakebugs LLM project (2022-2024)

Design and development of a Chatbot application for the BudapestGO system of BKK Budapesti Közlekedési Központ Zrt., which uses artificial intelligence-based language processing technologies (LLM) to analyze user messages received through the Shake API-based framework of the BudapestGO application and automatically generate relevant responses to them.

My work in the project:
- program design, data modeling, development

Transport GOP project (2014-2016)

Event-oriented traffic control: pattern-based learning in a distributed environment from microscopic to macroscopic level.

My work in the project:
- program design, data modeling

NAV ACM project (2009-2012)

Within the framework of the ACM EU project, a taxpayer-centric corporate data warehouse was built.

My work in the project:

- project management

Modernization of the APEH data warehouse (2007-2009)

Performing the development and organizational tasks of the APEH data warehouse within the framework of several projects (APEHTAM, EGYBE, ENYIR, PALI, FOGLAL, KEK, BEVINFO).

My work in the project:

- logical and physical database design
- business logic design and implementation

e-Science Regional University Knowledge Center (RET) (ELTE 2006-2007)

Design and implementation of a framework for the profession-specific processing and representation of large amounts of data.

My work in the project:

- feasibility study, business logic design, implementation

Migration of APEH's internal systems to Oracle (APEH 2004-2007)

Migration of APEH's DSM database management based internal systems to Oracle database, as well as rewriting and modernization of the systems.

My work in the project:

- logical and physical database design
- business logic design and implementation

eDesign (ELTE 2001-2004)

Architectural and technological issues of platform-independent, XML-based integration of industrial applications.

My work in the project:

- business logic design and implementation

Cash Management System (Matáv 1994-2001)

It enables the centralized management and control of Matáv Rt.'s cash transactions, implemented as a front-end system for billing and processing systems.

My work in the project:

- logical and physical database design
- business logic design and implementation
- automated operating environment design and implementation

Automated and Reliable Message Forwarding System (OMMK, 1996-97)

Development of an automatically operating, timed execution, intelligent document-based message forwarding mail system for the National Manpower Center, using digital signature and encryption based on public key cryptography.

My work in the project:

- design and implementation of the mail model and its configuration environment

- integration of encryption and digital signature interfaces

Bank Connection Software (BCS) (Matáv/MHB, 1994-95)

A general-purpose encryption and digital signature software package.

My work in the project:

- software package design, implementation

- integration of encryption and digital signature interfaces

Optimal Design of Manufacturing Systems (ELTE, 1987-89)

Computer support for the optimal design of manufacturing systems for IKARUS.

My work in the project:

- design and implementation of a non-standard graphical editor.

Backtrackable Unix* Data Control, BUD (ELTE, 1986-89)

OTKA (605/86) research and development project, during which a function package implemented in C was created that implemented low-level transaction, memory and file management operations.

My work in the project:

- design and implementation of transaction and memory management

Toxicology Information System (ELTE, 1985-88)

Computer support for drug research experiments at the Pharmacological Research Institute of the Kőbánya Pharmaceutical Factory.

My work in the project:

- design and implementation of system configuration programs,

- implementation of network protocols

Can be queried from the mtmt.hu system.
My identifiers:

Publications

Can be queried from the ***mtmt.hu*** system.
My identifiers:

- ORCID: 0000-0002-9883-485X
- Google Scholar ID: 7iOIaSMAAAAJ
- ResearcherID: I-3982-2017
- Scopus ID: 56039857500