

## CURRICULUM VITAE

### Personal Details

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**Name:** Petros N. Gavalakis

**Date of Birth:** March 12<sup>th</sup>, 1977

**Place of Birth:** Rethymnon, Crete

**Nationality:** Greek

**Home Address:** V. Ougko (V. Hugo) 17, 73132, Chania, Crete, **Phone:** +28210-23168

**E-mail Address:** [pgaval@telecom.tuc.gr](mailto:pgaval@telecom.tuc.gr)

**Marital Status:** Single

**Military Obligations:** Fulfilled (28/9/2000)

### Work Experience

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**October 2000 – today:**

**DIALOGOS Speech Communications S.A.**

**Speech and Application Engineer**

- Training acoustic models for Greek, Turkish and Arabic languages
- Training verification models for Greek and Turkish languages
- Voice Applications
  - Cosmote MyCosmos Voice Portal
  - Voice Banking
  - Flight Departure and Arrival Information System
  - Portfolio

### Education

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**September 2003 – today: Department of Production Engineering and Management**

- Post-graduate class on Operational Research
- Courses taken:
  - Information and Decision Support Systems
  - Natural and Artificial Intelligence Advanced Issues
  - Evolutionary and Meta-heuristic Techniques and Algorithms

**October 2000 – July 2004: MSc in Electronic and Computer Engineering** at Telecom and Computer Networks Laboratory – Speech Group, Technical University of Crete

- Master Thesis: "Clustering of distributions at the subvector level for Discrete Mixture Hidden Markov Models used for Speech Recognition".
- Courses taken:
  - Advanced issues on speech recognition (Language Modeling)
  - Advanced issues on modern telecommunication systems (QoS for IP Networks)
  - Signal detection in noisy environments
  - Advanced issues on probabilities and stochastic Modeling
  - Application of agent Systems in e-commerce
  - Advanced issues on satellite communications

**Sep. 1994 - Jan. 2000:** Professional 5-year Diploma in **Electronics & Computer Engineering Department** at Technical University of Crete.

- Graduated in Feb. 2000. GPA (7.86/10)
- Diploma thesis: "A Comparative Study of Smoothing Techniques for Discrete Mixture Hidden Markov Models used for Speech Recognition".

### Research Experience

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**March 1999-December 1999**

**Participation in the Spoken Language Translation Project (SLT)**

**November 1999-March 2001**

**Participation in the EPET II – Logotypografia project**

### Teaching Experience

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**2001**

**Teaching assistantship for Analog Communication Systems undergraduate course**

### Skills and Qualifications

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#### **Programming**

Assembly, PROLOG, SQL, Visual BASIC, Java, especially algorithm implementation using C/C++.

#### **Operating Systems**

UNIX (Solaris, Linux), MS Windows 98/NT/2000

#### **Other Applications**

MATLAB, DECIPHER, NUANCE

### Research Interests

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- Speech Recognition Systems
- Telecommunication Systems – Integrated Services Environments
- Data Networks and Protocols
- Administration and Security of Systems and Networks

### Spoken Languages

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**Greek** (native speaker)

**English** (Cambridge First Certificate - PALSO HIGHER)

### Professional Associations

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**2000- today**

**Full Member of Technical Chamber of Greece (TEE) – ID: 85056**