

# CURRICULUM VITAE

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## **Education**

**2005-present** PhD Thesis in “Wireless Sensor Networks for Traffic Decongestion”

**2004-2005** Master Thesis “Comparative study between RSA and EC Cryptography”

**1999-2004** “Politehnica” University of Timisoara, Automation and Applied Informatics Department

**1995-1999** “Grigore Moisil” Informatics High School of Timisoara

## **Teaching Experience**

**2004-present** Teaching Assistant at “Politehnica” University of Timisoara for the following courses: Data Security Techniques, Knowledge Based Systems

**1999-present** Teaching algorithms at “Informatics excellence center” for High School, developed by Ministry of Education and Research

## **Work Experience**

**2000-2005** software developer

**2002-2005** team leader

## **Honors and Awards**

**1999-2001** participation to the ACM Programming Contest, Eastern European stage

**1995-1999** one IIIrd prize and three mentions at National Contest of Informatics for High School

## **Books & publications**

*Informatics problems for High School (resolved& proposed)*, Mirton 2004, coauthor  
O. Bantias, D. Curiac, A. Doboli, *Security protocols for Distributed Wireless Sensor Networks*, CONTI 2006 , Timisoara, May 2006

O. Bantias, D. Curiac, R. Precup, *Sensor Networks Architecture for Vehicles and Pedestrians Traffic Control*, Scientific Bulletin of Politehnica University of Timisoara, Transactions on Automatic control and Computer Science, Vol. 51, No. 3, 2006

D. Curiac, F. Dragan, O. Bantias, D. Iercan, *A Knowledge Based System Approach in Securing Distributed Wireless Sensor Networks*, Scientific Bulletin of Politehnica University of Timisoara, Transactions on Automatic control and Computer Science, Vol. 51, No. 4, 2006

## **Domains of interest**

Algorithms, data security, sensor networks

## **Software projects**

- 2 production systems for important companies (team leader)
- online bidding application (team leader)
- hotelier applications
- a lot of short applications in different languages

## **Programming languages**

C and C++, Pascal, Java, Delphi, Visual Basic, SQL, FoxPro

## **Languages**

English, Romanian – very good

French - basic

## **Hobbies**

Football, Mountaineering, Ski, Movies, Photography

## **References**

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