

Professional Curriculum Vitae

Personal data

Birth place, time
Nationality
E-mail address

Budapest, 08,18,1969.
Hungarian
E-mail: peter.ladanyi@hexium.hu

Studies

1995
1996-2000
1999

High school diploma; Dugonics András High School (Budapest)
Electrical engineer diploma, Kandó Kálmán Technical College, Budapest Technical College
OKTÁV, quality assurance and certifier

Language

English

Work place

1987-1992
1992-1993
1993-1996
1996-2000
2000-2005
2005-

VSZM Community center; computer technician
INTEK Ltd., Development Office; Software engineer
ElektroTop Ltd.; Software engineer
HEXIUM Ltd.; Head of Software engineers
HEXIUM Ltd.; Manager of Software engineers
HEXIUM Ltd.; Software development director, Quality manager

Programming languages

The 80s:
The 90s:
2000s:

Zilog Z80, Motorola 6510 and 68000, BASIC, Forth, Pascal
C/C++ programming language, Intel MCS51 family, PIC Micro controller Family, Intel 80x86
Visual programming Languages, DSP programming, Intel MCS51 family, HTTP, HTML, JavaScript

Publications

1998. September

1998. September

1998. July

1998. April

Touch Memory II.; Application Possibilities
József Máthé, Péter Ladányi, dr. Tamás Nagy, Tamás Patkó
Compression of Moving Images; Magyar Biztonságtechnika Professional publication
Péter Ladányi, Tamás Patkó, dr. Tamás Nagy, József Máthé
Compression of Digital Images; Magyar Biztonságtechnika Professional publication
Péter Ladányi, Tamás Patkó, dr. Tamás Nagy, József Máthé
Bases of the Digital Video Technology; Magyar Biztonságtechnika Professional Publication
Péter Ladányi, Tamás Patkó, dr. Tamás Nagy, József Máthé

Patents

1998
1999
1999
2001

Remote monitoring data collection system operating on a radiotelephone Network
System for measuring electricity
Method for preventing unauthorized usage of a telephone line
Electronic writing device and method for generating an electronic signature

R+D projects

1992-
2000-

Planning and developing fire and security protection instruments.
Applications of Digital image processing mainly in the framework of the IKTA tender:
Triclops HW-SW system-3D surface modeling (IKTA -00019/2000)
Multifunctional vehicle registering sensor systems based on 3D space reconstruction (IKTA-00128/2000)
Intelligent autonomous camera module with embedded high performance image processing (IKTA-00191/2000)
Developing original signature recognizer and identifier instrument (IKTA-00088/2001)
Intelligent fire prevention camera system (IKTA-00040/2002)
Autonomous access terminals based on voice recognition (IKTA-00103/2002)

Other accomplishments

2005-2006

2005- (continuous)
2004-2005

2003
1997-

System and software development, organization: PYROLATER-32 thermovision firmware, PiroSTOP modular fire detection system
Quality management system building according to standard ISO 9001:2000, keeping up
System and software development, organization: VIDOC, Digital Video Surveillance and Archiving System with different nation versions (English, German, Bohemian, Slovakian, Serb, Croatian, Romanian, Russian)
System and software development: VariCam (MTVo4G2H) Intelligent Controllable Camera Instrument
AZBEST IDAXA, MCS51 based software developing many parts of the Identifier and Access Control System (proximity, iButton, etc.)