

CURRICULUM VITAE

Surname, Name: **PROTOPSALTIS Antonis**
Specialty: PhD Computer Science University of Ioannina - Computer Graphics
Date of Birth: November 30th-1971
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EDUCATION

UNIVERSITY OF IOANNINA, DEPT. OF INFORMATICS, IOANNINA GREECE

June 2010: PhD Computer Science – Computer Graphics

Thesis title: Reconstructing 3D CAD Models based on geometrically constrained cross sections

CONCORDIA UNIVERSITY, DEPT. OF COMPUTER SCIENCE, MONTREAL, CANADA

November 1996: M.Sc. in Computer Science (Software Engineering)

Thesis title: Constructing Black Box Test Suites for Systems Specified in Larch/C++.

CONCORDIA UNIVERSITY, DEPT. OF COMPUTER SCIENCE, MONTREAL, CANADA

November 1994: Bachelor of Computer Science, Software Systems option.

UNIVERSITY LECTURING EXPERIENCE

UNIVERSITY OF WESTERN MACEDONIA, DEPT. OF INFORMATICS AND TELECOMMUNICATION ENGINEERING

12-10-2017 –Today Special Teaching Fellow (EDIP): Computer Graphics (lectures and lab), Internet Programming (lectures and lab), Human Computer Interaction (lectures and lab), Object Oriented Programming II (lab), Introduction to Computer Science (lab)

UNIVERSITY OF WESTERN MACEDONIA DEPT. OF INFORMATICS AND TELECOMMUNICATION ENGINEERING

28-9-2016 –30-6-2017 Adjunct_Lecturer : Computer Graphics (lectures and lab) and Digital Image Processing (theory and lab)

28-9-2015 -30-6-2016 Adjunct_Lecturer : Computer Graphics (lectures and lab) and Digital Image Processing (theory and lab)

UNIVERSITY OF APPLIED SCIENCE OF W. MACEDONIA

DEPT. OF MECHANICAL ENGINEERING AND INDUSTRIAL DESIGN

15.2.2017 – 30-6-2017 Scientific Fellow: C Programming Language (lab)

DEPT. OF DIGITAL MEDIA AND COMMUNICATION

6.10.2016 – 15-2-2017 Scientific Fellow: 3D Digital Applications (lectures and lab)

6.10.2015 – 15-2-2016 Scientific Fellow :3D Digital Applications (lectures and lab)

6.10.2014 – 30-6-2015 Scientific Fellow :3D Digital Applications (lectures and lab), Creative Cartoon (lab)

DEPT. OF BUSINESS ADMINISTRATION

2.10.2012 – 19.7.2013 Scientific Fellow :Internet Programming (lectures and lab), Introduction to Programming with Visual Basic (lectures and lab)

DEPT OF INFORMATICS APPLICATIONS IN ADMINISTRATION AND ECONOMY

3.10.2011 – 10.2.2012 Scientific Fellow : Data Structures and Data Bases (lab)

UNIVERSITY OF APPLIED SCIENCE OF THESSALY – DEPT. OF PROJECT MANAGEMENT

3.10.2011 – 5.7.2012 Scientific Fellow : Computer Aided Design (lectures)

UNIVERSITY OF IOANNINA DEPT. OF INFORMATICS

10.2003 – 6.2010 Teaching assistant : Computer Graphics

CONCORDIA UNIVERSITY, DEPT OF COMPUTER SCIENCE, MONTREAL, CANADA

1.10.1993 – 30.6.1996 Teaching assistant: Programming Methodology

HIGH SCHOOL TEACHING EXPERIENCE

VERIA PUBLIC TECHNICAL VOCATIONAL HIGH SCHOOL

1.9.2003 – 12.10.2017 Highschool Teacher : Structured programming, Multimedia Applications, Internet Programming Tools, Basic Digital Technology Principles, Computer Maintenance, Operating Systems, Optical Programming, Python Programming

VERIA PUBLIC VOCATIONAL INSTITUTE

10.1998 – 02.2000 Instructor : **C Programming, Pascal Programming, Unix Operating System**

RESEARCH PROJECTS

UNIVERSITY OF IOANNINA DEPT OF INFORMATICS, IOANNINA GREECE

2002 – 2010 PENED 2001: 3D object Reconstruction using geometrical constraints using 3D laser scanning (Research grant cofunded by GSRT and Polyline S.A.)

GEOANALYSIS S.A. THESSALONIKI GREECE

2002 – 2003 PAVET 00BE3: Design and manufacture of pierced Byzantine jewelry with modern construction engineering methods (Research Grant under the Competitiveness Programme. Funded by the ministry of Development)

2002 – 2003 ecoMarble: Development of software tools for the copying of museums exhibits using 3D Laser Scanning and the mass production of copies and handicraft products using marble waste..(Funded by European Community under the Competitive and Sustainable Growth program).

CONCORDIA UNIVERSITY, DEPT OF COMPUTER SCIENCE, MONTREAL, CANADA

1994 – 1996 Formal Specification of Rogue Wave C++ Library "Tools.h++": Research grant in the area of Formal Methods, Software Testing and Verification of Object Oriented Designs and Programs. Project leader. (Collaboration with NORTHERN TELECOM S.A. MONTREAL)

PROFESSIONAL EXPERIENCE

GEOANALYSIS S.A. THESSALONIKI GREECE

1. 7.2002 – 1.8.2003 Software Engineer :Web Database Application (Java) and Information Systems Designer-Developer

POLYLINE S.A. THESSALONIKI GREECE

1. 7.2002 – 1.8.2003 Software Engineer :CAD system Designer and Developer (C++, ACIS), 3D Scanning methods, 3D Printing methods

PULSE MICROSYSTEMS, S.A. THESSALONIKI GREECE

1.10.2000 – 1.6.2002 Software Engineer : C++ Developer of CAD Embroidery Software System, Stitch Engine Algorithm Designer

ARISTOTLE UNIVERSITY OF THESSALONIKI KYTP, THESSALONIKI GREECE

6.1998 – 11.2000 System Manager/Programmer, Project Coordinator of the action "Upgrading / Replacing the old client-server system ARISTOTELIS with the new campus-wide Client-Server system AFS"

COMPUTER FORCE, VERIA GREECE

1.07.1996 – 1.11.1996 Software Engineer : Designer and Developer of a Novell Network Database Application

ADMINISTRATION - MANAGEMENT EXPERIENCE

VERIA PUBLIC VOCATIONAL INSTITUTE

21.10.2013 – 21.9.2016 General Manager.

THESES

Protopsaltis A.,2010,Reconstructing 3D CAD Models based on geometrically constrained cross sections, PhD Thesis, dept. of Informatics, University of Ioannina-Greece

Protopsaltou A,1996. Constructing Black Box Test Suites for Systems Specified in Larch/C++. M.Sc. Thesis, Concordia University, Montreal-Canada.

PUBLICATIONS

Protopsaltis A., Fudos I. A Feature – Based Approach to Re-engineering CAD Models from Cross Sections, Computer Aided Design and Applications. Dubai, June 2010

Protopsaltou A., Fudos I. Creating Editable 3D CAD Models from Point cloud slices, GraVisMa 2009, Plzen Czech Republic

TECHNICAL REPORTS

Fudos I.,Stamati V,Protopsaltou A,An Approach to Geometric Constraint Solving for CAD Representations, TR 2004-17, Dept of Informatics, University of Ioannina, 2004

Alagar V.S, Colagrosso P, Loukas A,Narayanan S,Protopsaltou A, Formal Specifications for Effective Black-Box Reuse, Dept.of Computer Science, Concordia University, Montreal, Canada, 1996.

CITATIONS

SCOPUS Citations by other authors to my research papers excluded Self Citations: 6

ATTENDED SEMINARS

Topics on Research and Technology (PENED 2001), University of Ioannina (2005)

Two-day forum on Research and Technology,GSRT(2005)

Human resources and mobility - Actions Marie Curie GSRT(2005)

REVIEWER & ORGANIZER FOR INTERNATIONAL CONFERENCES

Reviewer for the Conference Solid and Physical Modeling – SPM 2018

Reviewer for the Journal Computer Aided Design – CAD 2016

Reviewer for the Conference Computer Graphics International - CGI 2016

Member of the organizing committee of Computer Science Conference AMAST '95, Concordia University July 1995

HONOURABLE MENTIONS

Scholarship from Montreal Greek Scholarships Foundation (1992)

Hewlett Packard Calculator Award (1991,1992).

Concordia University Dean's Honors List (1991,1992).