

IRAKLIS TSEKOURAKIS

Assistant Teaching Professor ◊ URL: itsekour.github.io

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

August 2016

PhD in Computer Science

Thesis Title: Dynamic 3-D reconstruction

Advisor: Philippos Mordohai

Overall GPA: 3.9/4.00

Stevens Institute of Technology, Hoboken, NJ

May 2016

Certificate, Teaching at the College Level

Stevens Institute of Technology, Hoboken, NJ

May 2014

MSc in Computer Science

Overall GPA: 3.9/4.00

Aristotle University of Thessaloniki, Greece

March 2010

Diploma in Electrical and Computer Engineering

Computer and Electronics Specialization

Thesis Title: Dealing with Trust and Reputation in Unreliable Multi-agent Trading Environments

Overall GPA: 7.23/10

RESEARCH INTERESTS

Computer Vision

Dynamic 3D reconstruction

PROFESSIONAL EXPERIENCE

Stevens Institute of Technology

August 2016 - present

Assistant Teaching Professor

Hoboken, NJ

- Director of Masters Co-op and CPT Programs in Computer Science (January 2017 - August 2017)
- Associate Chair for Graduates Studies in Computer Science (August 2017 - present)

Stevens Institute of Technology

September 2012 - July 2016

Computer Vision Research Assistant

Hoboken, NJ

- NSF Award - Uncertainty-driven Dynamic 3D reconstruction

Information Technologies Institute, CERTH, Hellas

July 2011 - June 2012

Research Assistant

Thessaloniki, Greece

- EU FP7 Collaborative Project SAVE ME: System and Actions for VEHicles and transportation hubs to support disaster Mitigation and Evacuation

TEACHING EXPERIENCE

CS 146: Introduction to Web Programming and Project Development

Fall 2017

CS Pre-College Intensive Course: Image Processing	<i>Summer 2017</i>
CS Pre-College Intensive Course: Introduction to Machine Learning	<i>Summer 2017</i>
CS 492: Operating Systems	<i>Spring 2017</i>
CS 146: Introduction to Web Programming and Project Development	<i>Fall 2016</i>
CS 443: Database Practitum	<i>Fall 2016</i>
CS Pre-College Intensive Course: Image Processing	<i>Summer 2016</i>
CS 284: Data Structures (<i>Teaching Assistant</i>)	<i>Spring 2015</i>
CS 385: Algorithms (<i>Teaching Assistant</i>)	<i>Spring 2013</i>

PUBLICATIONS

- Iraklis Tsekourakis, Philippos Mordohai
A Comparison of Scene Flow Estimation Paradigms
Representation, analysis and recognition of shape and motion from Image data, 2017
- Iraklis Tsekourakis, Philippos Mordohai
Consistent 3D Background Model Estimation from Multi-Viewpoint Videos
International Conference on 3D Vision, 2015
- Iraklis Tsekourakis, Christos Orlis, Dimosthenis Ioannidis, Dimitrios Tzovaras
The SAVE ME project real-time disaster mitigation and evacuation management system
7th IET International Conference on System Safety, incorporating the Cyber Security Conference 2012
- Iraklis Tsekourakis, Christos Orlis, Dimosthenis Ioannidis, Dimitrios Tzovaras
A Decision Support System for Real-Time Evacuation Management and Rescue Team Planning during Hazardous Events in Public Infrastructures
13th International Conference on Transport Systems Telematics, TST 2012
- Iraklis Tsekourakis, Andreas L. Symeonidis
Dealing with Trust and Reputation in Unreliable Multi-agent Trading Environments
The 2011 Workshop on Trading Agent Design and Analysis, TADA 2011, held with the 22nd International Joint Conference On Artificial Intelligence, IJCAI 2011

TECHNICAL SKILLS

Programming Languages	C++, Java, MATLAB, C#, Scheme, JavaScript
Web	HTML5, CSS
Frameworks & APIs	OpenCV, CUDA, OpenCL
Development Environments	Sublime Text, Eclipse, Visual Studio 2010, Xcode
Operating Systems	Linux, MacOS, Windows
Other Tools	Git, L ^A T _E X

LANGUAGES

English (fluent), Greek (native)

AWARDS

- Gerondelis Graduate Scholarship. Gerondelis Foundation, Inc. 2014.
- "A Modern Greece" Contest Award (1 of 5). Greek Economic Forum, 2015.