

IRAKLIS TSEKOURAKIS

Assistant Teaching Professor ◊ URL: itsekour.github.io

North Building 308, Hoboken, New Jersey 07030

(201) · 216 · 5390 ◊ itsekour@stevens.edu

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)
- Director of Masters Co-op and CPT Programs in Computer Science (August 2019 - present)

Stevens Institute of Technology

September 2012 - July 2016

Computer Vision Research Assistant

Hoboken, NJ

- Funded by 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 590: Algorithms	<i>Fall 2019</i>
CS 570: Data Structures	<i>Fall 2019</i>
CS 590: Algorithms	<i>Spring 2019</i>
CS 570: Data Structures	<i>Spring 2019</i>
CS 590: Algorithms	<i>Fall 2018</i>
CS 146: Introduction to Web Programming and Project Development	<i>Fall 2018</i>
CS 492: Operating Systems	<i>Spring 2018</i>
CS 146: Introduction to Web Programming and Project Development	<i>Fall 2017</i>
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 Pre-College Intensive Course: Image Processing	<i>Summer 2016</i>

PUBLICATIONS

- Iraklis Tsekourakis, Philippos Mordohai
[Measuring the Effects of Temporal Coherence in Depth Estimation for Dynamic Scenes](#)
The IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Workshops, 2019
- 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, C++, Java, MATLAB, JavaScript
Web	HTML5, CSS3
Frameworks & APIs	OpenCV, CUDA, OpenCL
Development Environments	Sublime Text, Eclipse, 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.