

# IRAKLIS TSEKOURAKIS

Associate Professor ◊ URL: [tsekourakis.github.io](http://tsekourakis.github.io)  
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## EDUCATION

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**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

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Computer Vision  
Dynamic 3D reconstruction

## PROFESSIONAL EXPERIENCE

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**Brandeis University** *July 2020 - Present*  
*Associate Professor*  
*Waltham, MA*  
· Michtom School of Computer Science

**Stevens Institute of Technology** *August 2016 - June 2020*  
*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 - June 2020)  
· Director of Masters Co-op and CPT Programs in Computer Science (August 2019 - June 2020)

**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

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### Brandeis University

- COSI 131a:** Operating Systems *Summer 2020, Fall 2020*
- COSI 10a:** Introduction to Problem Solving in Python *Fall 2020*

### Stevens Institute of Technology

- CS 570:** Data Structures *Spring 2019 & 2020, Fall 2019*
- CS 590:** Algorithms *Fall 2018 & 2019, Spring 2019 & 2020*
- CS Pre-College Intensive Course:** Introduction to Machine Learning *Summer 2017*
- CS 492:** Operating Systems *Spring 2017 & 2018*
- CS 146:** Introduction to Web Programming & Project Development *Fall 2016, 2017 & 2018*
- CS Pre-College Intensive Course:** Image Processing *Summer 2016 & 2017*

## PUBLICATIONS

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- 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 Orli, Dimosthenis Ioannidis, Dimitrios Tzouvaras  
[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 Orli, Dimosthenis Ioannidis, Dimitrios Tzouvaras  
[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

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<b>Programming Languages</b>	C, C++, Java, MATLAB, JavaScript, Python
<b>Web</b>	HTML5, CSS3
<b>Frameworks &amp; APIs</b>	OpenCV, CUDA, OpenCL
<b>Development Environments</b>	Sublime Text, Eclipse, Xcode
<b>Operating Systems</b>	Linux, MacOS, Windows
<b>Other Tools</b>	Git, L <sup>A</sup> T <sub>E</sub> X

## LANGUAGES

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English (fluent), Greek (native)

## AWARDS

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