

**Dimitrios Damopoulos**  
*Assistant Teaching Professor*  
*Computer Science Department, Stevens Institute of Technology*  
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(2019)

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## Personal Information

Date of birth: 8 January 1985  
Place of birth: Frankfurt, Germany  
Nationality: Greek

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## Professional Experience

*September '17-  
Present*                      **Co-op & CPT coordinator**  
  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken NJ, USA*

*September '15-  
Present*                      **Assistant Teaching Professor**  
  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken, NJ, USA*

*September '13-  
August '15*                      **Postdoctoral Research in the Laboratory for Secure Systems (LSS)**  
  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken, NJ, USA*

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## Education

*March '10-  
June '13*                      **Ph.D., Information and Communication Systems Engineering**  
  
*Thesis: Design and Development of an Anomaly Based Intrusion Detection and  
Reactive System for Mobile Devices*  
  
*University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

*October '08-  
February '10*                      **MSc, Technologies and Management of Information and Communication Systems  
Studies Program: Information & Communication Systems Security**  
  
*University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

*September '09 -  
February '10*                      **Exchange Studies - Master Thesis**  
  
*Thesis: Anomaly-Based Intrusion Detection Systems for Mobile Devices*  
  
*University of Plymouth  
School of Computing & Mathematics  
United Kingdom*

October '03 -  
May '08

**B.Sc., Computer and Informatics Engineering**

*Eastern Macedonia & Thrace (EMT) Institute of Technology  
Kavala, Greece*

September '07-  
April '08

**Exchange Studies – Bachelor Thesis**

***Thesis: Improving Cyber security through Access Control Lists***

*University of Applied Science  
Oldenburg/Ostfriesland/Wilhelmshaven (FH-OOW)*

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## Publications

### Conference Papers peer review

- 2019 **Introducing Research into the Undergraduate Curriculum in Cybersecurity (under review)**  
S. Wetzel, D. Damopoulos  
*In Proceedings of the WICE Conference 2019*
- 2016 **Location-enhanced Authentication using the IoT**  
I. Agadakos, P. Hallgren, D. Damopoulos, A. Sabelfeld, and G. Portokalidis  
*In Proceedings of the Annual Computer Security Applications Conference (ACSAC)*
- 2016 **Europe in the shadow of financial crisis: Policy Making via Stance Classification**  
L. Spiliotopoulou, D. Damopoulos, Y. Charalabidis, M. Maragoudakis, S.Gritzalis  
*In Proceedings of the Hawaii International Conference on System Sciences (HICSS)*
- 2015 **WYSISNWIV: What You Scan Is Not What I Visit**  
Q. Yang, D. Damopoulos, G. Portokalidis  
*International Symposium on Recent Advances in Intrusion Detection (RAID),  
November 2015, Kyoto, Japan*
- 2014 **A cloud-based architecture to crowdsource mobile app privacy leaks.**  
D. Papamartzivanos, D. Damopoulos, G. Kambourakis  
*The 18th Panhellenic Conference on Informatics (PCI 2014),  
Security & Privacy Issues in the Cloud, October 2014, Greece, ACM Press*
- 2014 **The Best of Both Worlds. A Framework for the Synergistic Operation of Host and Cloud Anomaly-based IDS for Smartphones**  
D. Damopoulos, G. Kambourakis, G. Portokalidis  
*The 7th European Workshop on Systems Security (EuroSec), April 2014,  
Amsterdam, The Netherlands, ACM Press*
- 2013 **A competent post-authentication and non-repudiation biometric-based scheme for m-Learning.**  
G. Kambourakis, D. Damopoulos  
*The 10th IASTED International Conference on Web-based Education  
(WBE 2013). Innsburg, Austria, 2013, ACTA Press*

- 2012 **Lifting the veil on mobile malware: A complete dynamic solution for iOS.**  
 D. Damopoulos, G. Kambourakis, S. Gritzalis, S. O. Park  
*Advances in Cryptography, Security and Applications for Future Computing (ACSA-Summer), Vancouver, Canada, 2012, FTRA*
- 2012 **User-privacy and modern smartphones: A Siri(ous) dilemma**  
 D. Damopoulos, G. Kambourakis, M. Anagnostopoulos, S. Gritzalis, J. H. Park,  
*FTRA AIM 2012 International Conference on Advanced IT, Seoul, 2012, FTRA*
- 2011 **iSAM: An iPhone Stealth Airborne Malware**  
 D. Damopoulos, G. Kambourakis, S. Gritzalis  
 26th IFIP SEC 2011, Lucerne, Switzerland, 2011, Springer

Journal Papers peer review

- 2019 **Digital Direct Democracy in European Union: Towards a Policy Making Framework via Stance Classification Analysis (under review)**  
 L. Spiliotopoulou, D. Damopoulos, Y. Charalabidis, S.Gritzalis  
*Government Information Quarterly*
- 2019 **Hands-Free One-Time and Continuous Authentication Using Glass Wearable Devices**  
 D. Damopoulos, G. Kambourakis  
*Journal of Information Security and Applications*
- 2015 **Let's Meet! A participatory-based discovery and rendezvous mobile marketing framework**  
 L. Ntalkos, G. Kambourakis, D. Damopoulos  
*Telematics and Informatics, 2015, Elsevier*
- 2014 **Introducing Touchstroke: Keystroke-based Authentication System for Smartphones.**  
 G. Kambourakis, D. Damopoulos, D. Papamartzivanos, M. Pavlidakis  
*Security and Communication Networks, 2014, Wiley*
- 2013 **A critical review of 7 years of Mobile Device Forensics.**  
 K. Barbatsalou, D. Damopoulos, G. Kambourakis, V. Katos  
*Digital Investigation, 2013, Elsevier*
- 2013 **From Keyloggers to Touchloggers: Take the Rough with the Smooth.**  
 D. Damopoulos, G. Kambourakis, S. Gritzalis  
*Computer & Security, 2013, Elsevier*
- 2012 **Exposing mobile malware from the inside (or that is your mobile app really doing?)**  
 D. Damopoulos, G. Kambourakis, S. Gritzalis, S. O. Park  
*Peer-to Peer Networking and Applications, 2012, Springer*
- 2012 **User privacy and modern mobile services: Are they on the same path?**  
 D. Damopoulos, G. Kambourakis, M. Anagnostopoulos, S. Gritzalis, J. H. Park  
*Personal and Ubiquitous Computing, 2012, Springer*
- 2012 **MILC: A Secure and Privacy-Preserving Mobile Instant Locator with Chatting.**  
 A. Loukas, D. Damopoulos, S.A. Menesidou, M.E. Skarkala, G. Kambourakis,  
 S. Gritzalis  
*Information System Frontiers, 2012, Springer*

- 2011 **Evaluation of Anomaly-Based IDS for Mobile Devices Using Machine Learning Classifiers.**  
D. Damopoulos, S. A. Menesidou, G. Kambourakis, M. Papadaki, N. Clarke, S. Gritzalis,  
*Security and Communication Networks, 2011, Wiley*
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## Books

- 2017 ***Intrusion Detection and Prevention for Mobile Ecosystems***  
George Kambourakis (Author, Editor), Asaf Shabtai (Author, Editor), Konstantinos Koliass (Author, Editor), Dimitrios Damopoulos (Author, Editor),  
Series in Security, Privacy and Trust Paperback: 378 pages  
Publisher : CRC Press (May 30, 2017)
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## Awards

- 2018 ***Faculty Appreciation Award***  
Stevens Institute of Technology  
Schaefer School of Engineering & Science  
Hoboken NJ, USA
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## Teaching Experience\*

- September '15 - Present  
CS 105 Intro to Scientific Computing – F15, S16, F16, S17, F17, S18, F18, S19  
CS 347 Software Development Process - S15, S16, S17, S18, S19  
CS 383 Computer Organization – F15, S16, F16, F17, F18  
CS 425 Cybersecurity Capstone I (INSuRE) - F17, F18  
CS 426 Cybersecurity Capstone II (INSuRE) – S18, S19  
CS 523 Programing the Internet of Things using iOS – S17, W17, W18, S19  
CS 566 Smartphone and Mobile Security – W16, S17, W17, S18, W18  
Pre-College Cybersecurity – W16, W17, W18  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken NJ, USA*

*Fall(F), Spring(S), Summer(W)*

\* A total of 51 course sections, of average 30-50 students, taught in person and online, during the past four years.

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## Mentoring Students

### Undergraduate students

- 2017 **Christopher Kelley**  
**Senior Thesis:** Polarity analysis as a service  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken NJ, USA*

2013 **Dimitrios Papamartzivanos and Manolis Pavlidakis**  
**Senior Thesis: Keystroke-based Authentication System for Smartphones**  
*University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

Graduate Thesis

2012 **Konstantina Barbatsalou**  
**Graduate Thesis: Smartphone Forensics**  
*University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

2014 **Loukas Ntalkos**  
**Graduate Thesis: A participatory-based rendezvous mobile marketing framework**  
*University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

PhD Students (co-advisor)

2014 – **Lefkothea Spiliotopoulou**  
*Present  
University of the Aegean,  
Department of Information & Communication Systems Engineering  
Karlovassi, Greece*

2015 **Ioannis Agadakos**  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken, NJ, USA*

2014 **Qilang Yang**  
*Stevens Institute of Technology  
Schaefer School of Engineering & Science, Dept. of Computer Science,  
Hoboken, NJ, USA*

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**Foreign Languages**

September '07 - **German – Advanced**  
February '07 *University Oldenburg/Ostfriesland/Wilhelmshaven (FH-OOW)  
Department Wilhelmshaven, German*

August '02 **Zertifikat Deutsch**  
*Goethe Institute*

May '01 **Certificate of Competency in English**  
*University of Michigan English Language Institute*

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