Katalin Hajdú-Szücs

Personal Information

Nationality: Hungarian

Date of Birth: 23.11.1989.

Address: Budapest, Hungary

Cell phone: +36301902116

Email: szucsk@caesar.elte.hu

Education

2014 -   **Phd School of Computer Science**

Eötvös Loránd University, Faculty of Informatics,
Department of Information Systems

Research topic:
Data Mining and Event Detection

2013 - 2014   **Msc Double Degree Program Second Year**

Eötvös Loránd University, Faculty of Informatics,
EIT ICT Labs Masters Programme in Security and Privacy Major,
Innovation and Entrepreneurship Minor

Title of the thesis: Anomaly Based Intrusion Detection System

Main subjects:
Advanced Cryptography, Cryptography and its Applications,
Cryptographic Protocols, Economics of Security and Privacy,
Applied Cryptography Project

2012 - 2013   **Msc Double Degree Program First Year**

University of Trento, Faculty of Informatics,
EIT ICT Labs Masters Programme in Security and Privacy Major,
Innovation and Entrepreneurship Minor

Main subjects:
Security Engineering, Cryptography, Computational Complexity,
Security Testing, Network Security, Privacy and Intellectual Property Rights,
Economics and Management, Business Development Laboratory,
Science Technology and Business.

2009 - 2012 Bsc Degree

Eötvös Loránd University, Faculty of Science, Institute of Mathematics

Title of the thesis: Shrinkage Methods in Linear Regression

Main subjects:
Algebra, Analysis, Design and Analysis of Algorithms, Differential Equations,
Functional Analysis, Geometry, Number Theory, Discrete Mathematics,
Numerical Analysis, Operations Research, Complex Analysis,
Differential Geometry,Probability Theory, Algorithms and Datastructures,
Computational Theory,Fourier Analysis, Stochastic Processes, Statistics.

2004 – 2009 Teleki Blanka Secondary School

Specialization in English and informatics

Project Works

2016 - 2017 Telecom Open City Services
Mobile Phone Network Data Analytics
A survey of recent research & development

2015 - 2016 Ericsson Garage – SmartActive project
Detection and classification of sound events

2015   OTP tender
Loan default prediction

Workshops

12-19. February 2017.	3rd Internation Winterschool on Big Data, Bari, Italy
11-23. August 2013.	EIT Wellbeing Summer School, Eindhoven, Netherlands
13-14. June 2013.	eRISE 2013 challenge, Dauphine University, Paris, France
13-17. May 2013.	eRISE 2013 challenge, University of Trento, Italy

Teaching Activity

2015-2017	Data warehouses and data mining technologies (Practice in Hungarian)
	Eötvös Loránd University, Budapest
2015-2016	Data Mining and Information Retrieval (Lecture in English)
	Eötvös Loránd University, Budapest

Masters Theses Supervised

Manuel Geovanny Choez Salazar, "Modifying the k-means algorithm to improve the accuracy in the data mining technique for clustering", Eötvös Loránd University, Budapest 2017

Publications

Dániel Csubák , Katalin Szücs , Péter Vörös , Attila Kiss
"Big Data Testbed for Network Attack Detection"
ACTA POLYTECHNICA HUNGARICA 13:(1) pp. p1-p12. (2015)

Szücs Katalin , Kiss Attila
"Mobil eszközök biztonsága"
(Security of Mobile Devices)
Spring Wind 2015

Katalin Szücs , Attila Kiss , Tamás Holczer
"Anomaly Based Intrusion Detection System"
Poster - Ericsson University Day 2014

Szücs Katalin , Holczer Tamás , Kiss Attila
"Adatbányászat az informatikai biztonságban"
(Data Mining in IT Security)
INFODIDACT 2014

Papers Under Review

Katalin Hajdú-Szücs, Nóra Fenyvesi, József Stéger, Gábor Vattay
"Audio-based performance evaluation of squash players"
PLOS ONE 2017

Katalin Hajdú-Szücs, Sándor Laki, Attila Kiss
"A Proffile-Based Fast Port Scan Detection Method"
ICCCI 2017

Skills And Hobbies

Languages	English: Fluent	Hungarian: First Language
	Italian: Conversational	
Programming languages	R, Python, Matlab	
Hobbies	Sewing, painting, reading, sport and music.	