Gilad Kutiel

PhD Student at Technion - Israel Institute of Technology

Email: **gilad.kutiel@gmail.com**

Develop approximation algorithms for NP-hard combinatorial optimization problems in networks and graphs.

Publications

Gilad Kutiel and Dror Rawitz: Service Chain Placement in SDNs
2017

AlgoCloud 2017

Gilad Kutiel and Dror Rawitz: Local Search Algorithms for the Maximum Carpool Matching Problem
2017

ESA 2017

Gilad Kutiel: Approximation Algorithms for the Maximum Carpool Matching Problem
2017

CSR 2017

Anat Hashavit, Roy Levin, Ido Guy, Gilad Kutiel: Effective Trend Detection within a Dynamic Search Context.
2016

SIGIR 2016: 817-820

Reuven Bar-Yehuda, Gilad Kutiel, Dror Rawitz: 1.5-Approximation Algorithm for the 2-Convex Recoloring Problem.
2015

IWOCA 2015

David Breitgand, Gilad Kutiel, Danny Raz: Cost-Aware Live Migration of Services in the Cloud.
2011

Hot-ICE 2011

Education

Technion - Israel Institute of Technology
2015 - 2019

Doctor of Philosophy (PhD), Computer Science,

Technion - Israel Institute of Technology
2007 - 2011

Master of Science (M.Sc.), Computer Science,

Technion - Israel Institute of Technology
2003 - 2007

Bachelor of Science (B.Sc.), Computer Science,

Bachelor of Science (B.Sc.), Computer Science, 2003 - 2007

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Experience

Technion - Israel Institute of Technology
2017 - PRESENT

Lecturer

Lecturer, **Introduction to Algorithms**

Technion - Israel Institute of Technology
2014 - 2017

TA in charge

TA in charge, **Theory of Computation, Algorithms 1**

Google
2013

Software Engineer

Emerging Markets group, developed web services for low-end mobile devices.

IBM
2012

Researcher / Software Engineer

Social Technologies Team, developed an activity stream platform for the enterprise and a trend detection system.

Facebook
2011 (2 MONTHS)

Intern / Software Engineer

Snaptu team, developed the messaging application for feature phones.

Technion - Israel Institute of Technology

TA / TA in Charge

TA in charge:
- Introduction to Algorithms On the Management and Efficiency of Cloud Based Services
- Introduction to Computer Networks
- Theory of Compilation

Intel Corporation

Intern
- BISTRO (BInary InSTRumentatiOn) group.
- LOST (Location based services) group.

Projects

min-cut.com

2018

https://min-cut.com

Online discussion platform for academic courses.

JumpFm

2017

http://jumpfm.org

A file manager with super-powers.

Tex Ninja

2015

http://tex.ninja/

Share Latex online.