

# Ios Kotsogiannis

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## Education

2012–Present **Ph.D. candidate in Computer Science**, *Duke University*, Durham, NC, USA.

2006–2012 **Diploma in Computer Engineering**, *Polytechnic School, University of Patras*, Greece.

## Research Interests

- Statistical Data Privacy
- Big Data Analysis
- Randomized Algorithms
- Algorithm Design

## Technical Skills

Programming Languages Bash(Unix), C, C++, Java, Python, AMPL, Matlab

Other SQL, Git, Svn, L<sup>A</sup>T<sub>E</sub>X, Unix Systems, Numpy, Sklearn, Pandas

## Experience

Summer **Intern**, *LivingSocial*, Washington DC.

2014 Data science group, Machine Learning, R, SQL, Python

Summer **Intern**, *Eworx*, Athens, Greece.

2009 UML, Use Cases Scenarios, jQuery, javascript

## Teaching

Fall 2013 **Teaching Assistant**, *ECE/CS 250: Computer Architecture*, Computer Science Department , Duke University.

Spring 2013 **Teaching Assistant**, *CompSci 101:Introduction to Computer Science*, Computer Science Department , Duke University.

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## Publications

Stylianos Doudalis, Ios Kotsogiannis, Ashwin Machanavajjhala, and Mehrotra Sharad. One-sided privacy. In *TPDP*, 2017.

Ios Kotsogiannis, Michael Hay, Ashwin Machanavajjhala, Gerome Miklau, and Margaret Orr. Dias: Differentially private interactive algorithm selection using pythia. In *SIGMOD*, pages 1679–1682. ACM, 2017.

Ios Kotsogiannis, Ashwin Machanavajjhala, Michael Hay, and Gerome Miklau. Pythia: Data dependent differentially private algorithm selection. In *SIGMOD*, 2017.

Ios Kotsogiannis, Elena Zheleva, and Ashwin Machanavajjhala. Directed edge recommender system. In *WSDM*, pages 525–533, New York, NY, USA, 2017. ACM.

Dan Zhang, Ryan McKenna, Ios Kotsogiannis, Gerome Miklau, Michael Hay, and Ashwin Machanavajjhala. Ektelo: A framework for defining differentially-private computations. In *TPDP*, 2017.