

A. Pinar Ozisik

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EDUCATION

University of Massachusetts Amherst Sep. 2012 - present
Ph.D. in Computer Science expected Sep. 2019
M.S. in Computer Science May 2016

Brandeis University Aug. 2007 - May 2012
B.S. in Computer Science & B.A. in Neuroscience, *cum laude*

RESEARCH & PROFESSIONAL EXPERIENCE

Cryptoeconomics Lab, UMass Amherst Sep. 2013 - present
Research Assistant Amherst, MA
Advisor: Brian N. Levine

Systems & Technology Research Jun. 2015 - Aug. 2015
Research Intern at Analysis and Decision Systems Group Woburn, MA
Supervisor: Kirill Trapeznikov

- Implemented Bayesian parametric and non-parametric models on Twitter for community detection and topic modeling

BINDS Lab, UMass Amherst Apr. 2013 - Aug. 2013
Research Assistant Amherst, MA
Advisor: Hava Siegelmann

DEMO Lab, Brandeis University Sep. 2011 - May 2012
Undergraduate Researcher Waltham, MA
Advisors: Kyle I. S. Harrington & Jordan Pollack

Center for Embedded Networked Sensing, UCLA Jun. 2011 - Aug. 2011
REU Student Los Angeles, CA
Advisors: Nabil Hajj Chehade & Greg Pottie

PUBLICATIONS

- **Graphene: A New Protocol for Block Propagation Using Set Reconciliation.**
A. Pinar Ozisik, Gavin Andresen, George Bissias, Amir Houmansadr, and Brian N. Levine. In *International Workshop on Cryptocurrencies and Blockchain Technology*, September 2017.
- **Sybil-Resistant Mixing for Bitcoin.**
George Bissias, A. Pinar Ozisik, Brian N. Levine, and Marc Liberatore. In *Proc. ACM Workshop on Privacy in the Electronic Society*, November 2014.

- **The Effect of Tags on the Evolution of Honest Signaling.**
A. Pinar Ozisik and Kyle I. Harrington. In *Proceedings of the Genetic and Evolutionary Computation Conference Companion*, July 2012.
- **The Effects of Finite Populations and Selection on the Emergence of Signaling.**
Kyle I. Harrington, A. Pinar Ozisik, and Jordan Pollack. In *Proceedings of Artificial Life XIII*, July 2012.
- **Detecting Stumbles with a Single Accelerometer.**
Nabil Hajj Chehade, A. Pinar Ozisik, James N. Gomez, Fabio Ramos, and Gregory J. Pottie. In *International Conference of the IEEE Engineering in Medicine & Biology Society*, August 2012.

TEACHING

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| <p>College of Information and Computer Sciences, UMass Amherst
<i>Instructor</i></p> <ul style="list-style-type: none"> · Ethical Issues in Technology | <p>Sep. 2018 - Dec. 2018</p> |
| <p>College of Information and Computer Sciences, UMass Amherst
<i>Teaching Assistant</i></p> <ul style="list-style-type: none"> · Using Data Structures · Computer Literacy · Introduction to Problem Solving with the Internet · Programming with Data Structures · Introduction to Problem Solving with Computers · Representing, Storing and Retrieving Information · Reasoning Under Uncertainty | <p>Sep. 2012 - May 2018</p> |
| <p>Computer Science Department, Brandeis University
<i>Teaching Assistant</i></p> <ul style="list-style-type: none"> · Data Structures and the Fundamentals of Computing · Programming in Java and C | <p>Sep. 2010 - May 2011</p> |

HONORS & AWARDS

- RSA Conference Security Scholar, 2019
- Grace Hopper Conference Scholarship Grant (21% acceptance), 2015
- ACM Conference on Computer and Communications Security Travel Grant, 2014
- EMC CRA-W Grad Cohort Scholarship Award, 2014
- Google Anita Borg Scholar (now called Google's Women Techmakers Scholarship), 2013

ADDITIONAL COURSEWORK

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| <p>Complex Systems Summer School, Santa Fe Institute
<i>Complex Systems Scholar</i></p> | <p>Jun. 2016 - July 2016
Santa Fe, NM</p> |
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