

Giselle M. Zeno

CONTACT INFORMATION	<p>gzenotor [at] purdue [dot] edu <i>email</i></p>	<p>gisellezeno.com <i>web</i></p>
RESEARCH INTERESTS	data mining, relational machine learning, graphs	
EDUCATION	<p>Purdue University, West Lafayette, IN</p> <p>Ph.D., Computer Science, May 2021 (expected) M.S., Computer Science, (requirements completed)</p> <p>Awards: GEM Fellowship, Frederick N. Andrews Fellowship</p> <p>Advisor: Prof. Jennifer Neville Network Learning and Discovery Lab</p> <p>Polytechnic University of Puerto Rico, San Juan, PR</p> <p>Graduate studies, Computer Science, 27 credits Concentration in Knowledge Discovery and Data Mining</p> <p>University of Puerto Rico, Bayamón, PR</p> <p>B.S., Computer Science, August 2010 Awards: <i>Magna Cum Laude</i>, Honors Program scholarship, CS model student</p>	
RESEARCH EXPERIENCE	<p>Graduate Research Assistant Network Learning and Discovery Lab <i>Purdue University</i></p> <ul style="list-style-type: none">• Advisor: Prof. Jennifer Neville• Research projects:<ul style="list-style-type: none">• Generative model for temporal networks (2018 – Present)• Generative network models for attributed graphs (2017 – 2018)• Investigating the impact of graph structure and attribute correlation on the performance of collective classification models (2015 – 2017)• Stacking of temporal classifications for improving accuracy and decreasing uncertainty of predictions (2015) <p>Graduate Research Intern <i>Lawrence Livermore National Laboratory</i></p> <ul style="list-style-type: none">• Advisor: Dr. Timothy La Fond• Research Project: Models for motif evolution in dynamic graphs <p>Graduate Research Intern <i>MIT Lincoln Laboratory</i></p> <ul style="list-style-type: none">• Advisor: Dr. William Campbell• Research Project: Collective classification on social networks <p>Baccalaureate Thesis Department of Computer Science <i>University of Puerto Rico</i></p> <ul style="list-style-type: none">• Advisor: Prof. Lillian Bras• Research Project: Analyzed and compared the PageRank and ExpertRank (HITS) algorithms for ranking search results using link-analysis	<p>Aug 2014 – Present West Lafayette, IN</p> <p>May 2018 – August 2018 Livermore, CA</p> <p>June 2015 – August 2015 Lexington, MA</p> <p>Jan 2010 – Aug 2010 Bayamón, PR</p>

PUBLICATIONS **Giselle Zeno** and Jennifer Neville. 2016. *Investigating the impact of graph structure and attribute correlation on collective classification performance*. 12th International Workshop on Mining and Learning with Graphs.

Lippmann, R.P., Campbell, W.M., Weller-Fahy, D.J., Mensch, A.C., **Zeno, G.M.**, Campbell, J.P. (2016) *Finding Malicious Cyber Discussions in Social Media*. Lincoln Laboratory Journal, 22(1).

PRESENTATIONS • Workshop on Mining and Learning with Graphs, *KDD '16* Aug 2016
Presentation & Poster: Investigating the impact of graph structure and attribute correlation on collective classification performance.

• Student Symposium, *Lawrence Livermore National Laboratory* July 2018
Poster: Dynamic Model for Motif Evolution.

• NSF Center for Science of Information, *Purdue University* Dec 2015
Poster: Impact of graph structure and attribute correlation on collective classification.

INDUSTRY **Software Engineer Intern**, Graduate level April 2014 – August 2014
EXPERIENCE *Intel Corp* Santa Clara, CA

• Designed and implemented Python application for data mining workload profiles to guide simulation tracing architecture and workload selection for architectural studies.

Software Developer Jan 2013 – April 2014
by professional services San Juan, PR

• Provided consulting services for design and development of Drupal applications.

Senior Programmer Jan 2013 – May 2013
Evertec San Juan, PR

• Implemented and integrated new features to existing web applications. Performed peer code reviews.

Programmer Analyst June 2011 – Jan 2013
First BanCorp San Juan, PR

• Gathered requirements, designed and implemented desktop and mobile web applications using Java and Spring framework.

Software Developer July 2009 – May 2011
PGES San Juan, PR

• Gathered requirements, analyzed, designed and implemented project management web applications using Drupal and PHP.

Teaching Assistant Aug 2008 – Dec 2008
Computer Science Dept., Univ. of Puerto Rico Bayamón, PR

• Graded exams and homeworks, and managed a student database for coursework.

Software Engineer Intern May 2008 – Aug 2008
Google Mountain View, CA

• Analyzed, designed, and implemented a content management system for an internal web portal to be used for software engineer trainings

SKILLS Programming Languages:
Proficient in Python, C++, C
Knowledge in Java, Scala, R, MATLAB

Other technical skills:
Python iGraph and NetworkX, Neo4j (graph database), SQL, Hadoop MapReduce, regular expressions, Git version control