

DANIEL GONZALEZ





I am a second year PhD student studying Computer Science at the University of Notre Dame. I'm advised by [Tim Weninger](#).

My research is currently focused on modeling the temporal behaviour and evolution of graphs. In particular, I'm interested in interpretable and grammar-based approaches to modeling. More broadly, I'm interested in stochastic analysis and Bayesian statistics.



For fun, I like to learn about ecology and environmental science. For advanced fun, I like to boulder and play music.



EDUCATION





- Current
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2019
- Ph.D. in Computer Science**
University of Notre Dame  Notre Dame, IN
 - Recipient of the Dean's Graduate Fellowship.
- 2019
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2017
- M.Sc. in Mathematics**
Florida State University  Tallahassee, FL
 - Recipient of the Dean's Graduate Scholarship.
- 2016
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2012
- B.Sc. in Mathematics and B.Sc. in Computer Science**
Florida International University  Miami, FL
 - Recipient of the National Hispanic Scholarship.
 - Recipient of the Florida Bright Futures Academic Scholarship.
- 2012
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2010
- A.A. in Mathematics**
Miami-Dade College  Miami, FL
 - Dual enrollment through the School for Advanced Studies at Wolfson.
 - National Hispanic Scholar and AP Scholar with Honor.

RESEARCH EXPERIENCE

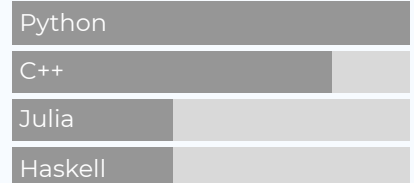
- Current
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2019
- Graduate Research Assistant**
Weninger Lab @ Notre Dame  Notre Dame, IN
 - Working on the Infinity Mirror Test for Graph Models with Satyaki Sikdar, Trenton Ford, and Tim Weninger.
- 2020
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2019
- Graduate Research Assistant**
Computer Vision Research Lab @ Notre Dame  Notre Dame, IN
 - Helped develop the methodology, collect data, and write code for the Contactless Fingerprint Collection project.
 - Worked alongside Aidan Draper under the direction of Adam Czajka.

View online with links at
<https://daniel-gonzalez-cedre.github.io/cv/cv.html>

CONTACT

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 [daniel-gonzalez-cedre](#)
 [daniel-gonzalez-cedre.github.io](#)

LANGUAGE SKILLS



Last updated on 2020-08-05.

- 2015
- Undergraduate Researcher**
 PURE Math Summer Research Program
 Hilo, Hawaii
 - Co-authored Monotone Catenary Degree in Numerical Monoids with Cameron Wright and Jenna Zomback.
 - Worked under the direction of Robert Pelayo and Brian Wissman.

TEACHING EXPERIENCE

- 2020
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2019
- Graduate Teaching Assistant**
 University of Notre Dame
 Notre Dame, IN
 - TA for Discrete Math and Data Structures.
- 2019
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2018
- Graduate Student Instructor**
 Florida State University
 Tallahassee, FL
 - Instructor of record for Precalculus Algebra.
 - Recitation instructor for Discrete Math.
- 2018
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2017
- Graduate Teaching Assistant**
 Florida State University
 Tallahassee, FL
 - TA for Precalculus Algebra, Business Calculus, Trigonometry, Finite Math, and Liberal Arts Math.
- 2017
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2013
- Undergraduate Learning Assistant**
 Florida International University
 Miami, FL
 - LA for Calculus 1, Calculus 2, Intro to Adv. Math, Graph Theory, Discrete Math, Finite Math, and College Algebra.

PUBLICATIONS, POSTERS, AND TALKS

- 2020
- The Infinity Mirror Test for Graph Generators**
 SIAM Network Science Workshop
 - Contributed talk.
 - Authored with Satyaki Sikdar and Tim Weninger.
- 2015
- Monotone Catenary Degree in Numerical Monoids**
 arXiv Preprint
 - Authored with Cameron Wright and Jenna Zomback.
- 2015
- Monotone Catenary Degree of Numerical Monoids**
 FIU McNair Scholars Research Conference
 - Contributed poster presentation. Won the second place award.
 - Authored with Cameron Wright and Jenna Zomback.