

Daniel Junghans

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Education

Michigan State University
Broad College of Business
Bachelor of Arts, Finance
Cumulative GPA: 3.81/4.00
Dean's List 4 Semesters

East Lansing, MI
08/18 – 05/22

Professional Experience

National Science Foundation's BEACON Center
Research Assistant

East Lansing, MI
08/19 – 10/20

- Conducted neural network research under the supervision of Dr. Charles Ofria and graduate student Jose Guadalupe Hernandez
- Collaborated with graduate students to create the Emerging Researchers in Artificial Life workshop for the 2020 Artificial Life conference
- Attended weekly lab meetings and presented the research I conducted to an audience with a diverse background

Michigan State University Summer Research Opportunities Program (SROP)
Summer Research Assistant

East Lansing, MI
05/19 - 07/19

- Worked with a team of graduate students under the supervision of Dr. Charles Ofria to produce high quality evolutionary computation research
- Contributed to a publication in the Genetic Programming Theory and Practice Workshop XVII (2020)
- Presented my research at the Mid-Michigan Symposium for Undergraduate Research (MID-SURE) at the end of my summer research experience in 2019

Publications & Presentations

Austin J. Ferguson, Jose Guadalupe Hernandez, **Daniel Junghans**, Alexander Lalejini, Emily Dolson, and Charles Ofria. "Characterizing the Effects of Random Subsampling on Lexicase Selection." In Banzhaf W., Goodman E., Sheneman L., Trujillo L., Worzel B. (eds) Genetic Programming Theory and Practice XVII (2020).

Daniel Junghans, Alexander Lalejini, Austin J. Ferguson, and Charles Ofria. "Characterizing the Differences Between Selection Schemes that are used in Genetic Algorithms." Poster at Mid-Michigan Symposium for Undergraduate Research (MID-SURE), July 2019.

Activities & Skills

- MSU Student Investment Association, *Co-Portfolio Manager* 08/20 - Present
- Languages: R, Python 3, SQL
- Software: Microsoft Excel, Microsoft Access, Power Point, Microsoft Word, VeraCrypt