Daniel Junghans

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Education

Michigan State University East Lansing, MI
Eli Broad College of Business 08/18 – 05/22
Bachelor of Arts, Finance
Cumulative GPA: 3.81/4.00
Dean's List 4 Semesters

Professional Experience

National Science Foundation's BEACON Center East Lansing, MI
Research Assistant 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 personal research to an audience with a diverse background

Michigan State University Summer Research Opportunities Program (SROP) East Lansing, MI
Summer Research Assistant 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 summer research at the Mid-Michigan Symposium for Undergraduate Research (MID-SURE) 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