Daniel Junghans

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Education

Michigan State University   East Lansing, MI
Broad College of Business   08/18 – 05/22
Bachelor of Arts, Finance
Cumulative GPA: 3.796/4.00
Dean's List 4 Semesters

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.

Workshops

Daniel Junghans, Austin J. Ferguson, Alexander Lalejini, and Acacia Ackles. "Emerging Researchers in Artificial Life." Workshop at International Conference for Artificial Life 2020, July 13-18, Montreal, Canada

Professional Experience

National Science Foundation's BEACON Center   East Lansing, MI
Research Assistant   08/19 - Present

- 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)   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 my research at the Mid-Michigan Symposium for Undergraduate Research (MID-SURE) at the end of my summer research experience in 2019

Skills and Notable Coursework

- Financial Management (FI) 311   05/20 – 06/20
- Principles of Financial Accounting (ACC) 201   01/20 – 05/20
- Languages: R, Python 3
- Software: Microsoft Excel, Microsoft Access, Power Point, Microsoft Word, VeraCrypt