

# Daniel Junghans

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## Education

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Michigan State University  
Eli 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

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Jackson National Life Insurance Company  
**Strategic Support Associate**

East Lansing, MI  
11/20 – Present

- Manage time spent on data entry tasks while working in an online environment.
- Support overall operations through completing daily work for the broker management business unit.
- Work alongside other associates to preprocess forms and other paperwork.

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 personal research 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 summer research at the Mid-Michigan Symposium for Undergraduate Research (MID-SURE) in 2019.

## Publications & Presentations

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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

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