Nathan Franz

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Education:

University of Texas at Austin   Graduation Date: May 2020
Master of Arts in Economics   Cumulative GPA: 3.9

University of Wisconsin Oshkosh   Graduation Date: Aug. 2017
Bachelor of Science in Mathematics and Physics   Cumulative GPA: 3.6

Experience:

UT-Austin Population Research Center (May 2020 – Present)   Austin, TX
Research Assistant
- Generated tables, figures, and other econometric output to answer research questions posed by professors
- Reviewed academic literature in areas relevant to the professors' research
- Proofread academic papers for technical accuracy and stylistic consistency
- Prepared, documented, and archived India's Annual Health Survey, a longitudinal survey of approximately four million households over three survey rounds
- Co-authored a social choice theory article published in *Economics Letters*

Dynetics, Inc. (Sep. 2017 – Jul. 2019)   Huntsville, AL
Research Analyst, then *Scientist*
- Quickly built knowledge in a variety of interdisciplinary domains such as systems engineering, hyperspectral-sensor design, and software architecture
- Synthesized hardware and software specifications from technical reports
- Mediated disputes among feuding working groups in an industry consortium
- Led a team of engineers and scientists in a project to develop an open systems architecture for military sensors

UW-Oshkosh Student Titan Employment Program (Sep. 2016 – Mar. 2017)   Oshkosh, WI
Tutor and *Grading Assistant*
- Held tutoring sessions twice weekly for up to ten clients per session to review and clarify concepts from introductory mechanics and electromagnetism classes
- Explained and reviewed mathematical concepts such as linear algebra, proof methods, and calculus in individual hour-long tutoring sessions

Technology:

- Experienced with the software packages Stata, Maple, Latex, and Microsoft Office
- Proficient with the programming languages Python, R, Apache Spark, MATLAB, and VBA