

# Noah Behm

[behmnoah@msu.edu](mailto:behmnoah@msu.edu) | (989) 372-2884  
1250 Oakdale Circle, Freeland, Michigan

## Education

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**Michigan State University, East Lansing, Michigan**

**Expected Graduation: 12/2022**

Bachelor of Science in Computer Science Engineering

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- Minor in Data Science | Honors College
- GPA: 3.36

## Experiences

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**Michigan State University Professorial Research Assistant**

**09/19-Present**

Undergraduate Research Assistant / East Lansing, Michigan

- Designed a model alongside an MSU professor which represents the atmosphere of a growing planet
- Contributed to technical documents and a research paper using LaTeX to lay out the structure of the model and present relevant information
- Wrote C++ code based on the technical documents to calculate important values regarding a planet's atmosphere
- Presented our research at the Michigan State University Annual EES Student Research Symposium
- Currently working to expand on the model by writing C++ code to simulate an object falling through the atmosphere to discover the effects that the object's elemental composition has on the atmosphere

**MGA Research**

**05/21-08/21**

Test Technician & Software Development Intern / Grand Blanc, Michigan

- Learned VBA quickly on the job in order to create macros for managing and formatting the company's test data to automatically create reports for clients
- Created a macro with a GUI which automatically organizes several types of data and creates visual aides to represent the data for use in client reports
- Gained experience in working with other's code by finishing and expanding on a previous intern's work
- Gained hands on experience with various tools through running tests and replacing certain car parts for new tests
- Drafted reports and collected data for customers for which MGA was running tests

**MSU Undergraduate Learning Assistant**

**01/22-Present**

Undergraduate Learning Assistant (Teaching Assistant) / East Lansing, Michigan

- Teaching a section of approximately thirty CSE 102 (introductory python course) students, most of which are completely new to coding
  - Teaching students basic concepts in computing and coding in a classroom setting
  - Participate in running a weekly help room where students can get more one to one time with instructors when they are struggling
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## Other Professional Experiences

- Acted as an assistant coach for the H.H. Dow High School boys swim team in the winter of 2019, which helped me develop leadership skills and gain experience in teaching, organizing, and motivating groups of people
- Collaborated with other students throughout university on group projects in which we had to plan, design, and code various projects, which enhanced my interpersonal and communication skills

## Technical Skills

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- Proficient in C++, Python, VBA, and Java
- Experience with Assembly Code, PHP, XML, and SQL/SQLite
- Proficient with Microsoft Office (Word, Excel, PowerPoint, etc.)
- Experience with creating statistical models in Python (Regression, N nearest neighbors, etc.)