

James Spielman

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EDUCATION

Michigan State University
Bachelor of Science, Mathematics; Minor, Business
Cumulative GPA: 3.8 / 4.00

East Lansing, MI

Graduation: Spring 2024

PROFESSIONAL EXPERIENCE

Banrin-Hamono Factory **Saitama, Japan**
Machine Programmer and Operator *June 2019 – August 2019 / June 2022 - August 2022*

- Programmed over 7 different machines and changed the code for such machines in order to cut steel in a specific and designated way
- Operated over 15 different machines and worked with steel – cutting, tempering, cooling, and more

Planet Fitness **Livonia, MI**
Sales Associate/ Member associate *May 2021 – August 2021*

- Entrusted to oversee entire building and take care of any and all issues that arose
- Cooperated with other team members to guarantee over 750 members' needs were met

PROJECT EXPERIENCE

Michigan State University **East Lansing, MI**
Mathematical Proof Expositions *September 2021-December 2021*

- Investigated three different proofs regarding the existence of infinite prime numbers.
- Demonstrated an understanding of each proof and taught the results to classes.
- Presented results to professors/peers using properly formatted visualizations

Statistics Data Analysis *April 2021-May 2021*

- Constructed a survey given to students campus-wide in order to analyze each student's everyday sleep schedules and how that related to/affected their respective grades.
- Determined accuracy of constructed approach through error analysis
- Presented results to professors/peers using properly formatted data visualizations as evidence using Tableau

LEADERSHIP

Michigan State University **East Lansing, MI**
Teaching Assistant, Calculus II *August 2022-Present*

- Supervise office hours to assist students with tests, homework, or any other questions they may have about calculus
- Collaborate with two PhD students to answer student questions about coursework and evaluate student assignments

Phi Kappa Psi Philanthropy Head/Ambassador **East Lansing, MI**
Ambassador *December 2021-Present*

- Promote philanthropy and community service throughout the chapter and organize meetings and events that allow for the chapter to help out the community.

Phi Kappa Psi Student Sustainability Head/Ambassador **East Lansing, MI**
Outreach Committee Head *August 2021-Present*

- Lead biweekly meetings to plan and organize events and activities across campus to enact change and teach students and staff about environmental concerns and raise awareness about environmental sustainability

SKILLS & RELEVANT COURSES

Technical Skills: Data Analysis, Microsoft Office Suite, Overleaf, Programming (JavaScript, Python, MATLAB, MySQL, Tableau)

Soft Skills: Bilingual(English/Japanese), Time management, Problem-solving, Leadership, Organization, Adaptability

AWARDS & ACHIEVEMENTS

- Dean's List & Semester honors *August 2020-Dec 2023*
- Michigan State University Honor's College
- MTH Outstanding Student Award *August 2021-May 2023*