2023 Cohort MDP/Arts Engine Project Application

Please see review instructions and advice on the

"How to Apply Page"

This document includes all general questions in the application and 2 example sections for individual project application (the other 59 are similar).

This document includes content exported from the 2023 MDP Application which is built on survey software. *(We're sorry about the poor formatting the export function is less than ideal).* Note Your display is based off of your browser and operating system (Google Chrome vs. Apple Safari and Mac vs. Windows, for example). Therefore, your computer's display and page breaks may appear different from what is shown here.

The application includes 4 sections: Introduction, General Information Questions, Individual Project Questions, and a Final Notice.

1. Introduction (pages 2-4 of this document)
    - Introduction information including tips and tricks for completing the application.
2. General Application Questions (pages 5 – 11 of this document)
    - Background information about you (name, school, degree, etc.)
    - Resume upload (you will submit 1 resume that is shared with all projects you apply to)
    - Question 2.16 Select which projects you are applying to
    - Question 2.17 Preference rank the projects selected in question 2.16
3. Individual Project Questions (pages 13-15, we include 2 here as examples)
    - Each project has 2 questions
        o Select your roles
        o Project-specific personal statement upload
4. Final Notice (page 17 of this document)

Opening Questions for Application

2023 Team Application Form: MDP and ArtsEngine FEAST projects

We are pleased to offer nearly 60 teams for 2023. On this single, common application you will apply to ALL of the projects & teams that interest you, and you will indicate your ranked preferences for teams. Students selected to join the 2023 teams will be given one offer to join one team only.

Completing the Application

The application closes Sunday, October 16 at 11:55 p.m. You must <u>submit</u> your completed application before 11:55 p.m.

Please enable cookies on your browser: this will allow you to stop and return to the application at your convenience.

Once you submit your application, you will no longer be able to edit it. Any subsequent changes will require you to complete the full application again. If you submit the application multiple times, only the most recent application will be considered.

Individual offer letters will be distributed between approximately November 1 and December 15.

Ready to get started? Click the arrow below!

Academic Credit Enrollment

Students must enroll for academic credit and participate in both WN23 and FA23 semesters.

- **MDP Industry Sponsored projects** run for a total of 2 semesters and then terminate
  *Attention international students on F-1 Visas: All industry sponsored teams require the use of part time CPT. In order to be eligible to use CPT, a student must have been lawfully enrolled on a full-time basis while physically present in the US for one academic year (i.e. two full consecutive terms). These measures are in place to protect your visa status. See the [International Center's website](#) for more information. **MDP will provide CPT application support for students receiving offers.***

- **MDP Faculty Research teams** support ongoing Faculty research efforts. Students are strongly encouraged to participate beyond the required 2 semesters. No citizenship restrictions.

- **Many ArtsEngine FEAST projects** also offer ongoing participation beyond the minimum of 2 semesters. No citizenship restrictions. No citizenship restrictions.

○ I have carefully reviewed the information above. Click to continue.

Where did you hear about these projects (choose all that apply)

☐ Orientation

☐ Academic Advisor or Department Communication

☐ Faculty

☐ Project Posters

☐ Email from MDP or ArtsEngin

☐ Ice Cream Social on the Grove

☐ Campus Events (Festifall/Immersed/CoE Majors and Minors)

☐ Digital Signage

☐ Bus Sign

☐ Diag Board

☐ Friend or Classmate

☐ Current MDP or FEAST Student

☐ Immersed Website

☐ ArtsEngine Website

☐ Social Media

☐ [   ] Other

Tips & Tricks for Completing the Application

1. Pro Tip: Have all your materials written (resume & one brief paragraph per project) before you start the application. Save each essay as a PDF with your last name and name of the project in the file name.

2. You will submit a Personal Qualification Statement for EACH project you select (.pdf required / 350 KB file size limit per statement). Write a statement specific to each project you apply for. Sample statements can be found [here]. (umich.edu credentials required)

3. These projects are a professional experience from start to finish: answer the questions carefully.

4. It is highly recommended that you complete the optional Spark Hire video interviews. These are separate from this application, but are also due on October 16th at 11:55 p.m. For more information on this, see the "Video Interview Information" portion of section 4 on our [How to Apply webpage].

5. Enable cookies to return to your application and finish at a later date.

6. You will upload your resume just once. (.pdf required / 400 KB file size limit).

7. *You will need to be logged in with your umich.edu credentials for some of the weblinks to work.*

8. **When you have finished the application, you will see this statement: "your application has been recorded". You will also receive an email confirmation sent to your Umich.edu email.**

9. Ready to begin? Click the right arrow below to get started.

General Application Questions

Contact Information

First Name

Last Name

U-M Uniqname

**Note: MDP will <u>only</u> utilize your @umich.edu email address for communication.

U-M Student ID # (no spaces)

Have you met with your home department's Academic Advisor to discuss how an MDP or FEAST project would fit into your 2023 course plan?

○ Yes, I have met with my advisor.

○ No, I have not yet met with my advisor, but I have an appointment.

○ No, I have not yet made an appointment.

Please indicate your current status

○ Undergraduate Student

○ Graduate Student

I am in my [fill in blank] year of University-level education.

- Do NOT count: AP credits, summer programs, course you were took while you were also still in high school, etc.
- Do count prior years at U-M or years at other institutions before you transferred

○ first

○ second

○ third

○ fourth

○ fifth or more

Please select your School/College

⌄

Please select your Engineering Major (or anticipated major if you have not yet declared a major)

⌄

Please select your Engineering Department/Major

⌄

Please Indicate your current Major(s) or concentration

Please Indicate your School/College and Major

MDP will verify the current enrollment status and coursework for all applicants via a brief transcript review from Wolverine Access. Application materials will be shared with selection committees.

You must successfully complete all FA22 courses to participate in the 2023 MDP Cohort.

(Click both boxes to acknowledge).

☐ I understand that MDP will verify my academic record, GPA, FA22 grades, completed courses, declared major/minors and enrollment status.

☐ I understand that my application materials may be shared with: faculty mentors; sponsor mentors; MDP team selection committee; and/or student researchers (faculty research teams only).

I hold a valid U.S. Driver's License.

**Note: this does not impact your application, it is helpful info as we build teams who may travel to a sponsor location.

○ Yes
○ No

I am willing to drive a University provided fleet or rental vehicle for any necessary project trips (e.g., our sponsor's office or manufacturing facility, where applicable).

○ Yes
○ No

UPLOAD RESUME HERE as **PDF ONLY**

You will only upload your resume once, regardless of the number of projects you wish to apply for.

File Size Limit: 400 KB

Name your resume with as RESUME_LAST NAME_First Name. pdf format.

[Here's](#) a guide on compressing .pdf files using Adobe Acrobat which is available on Adobe Cloud through ITS -- Open the guide in a new window or it will navigate you away from your application.

Please select ALL of the projects that interest you.

You will rank your selections on the next screen.

Afterwards, you will complete individual project applications: selecting roles and uploading an Personal Qualification statement. When you complete this application, you will have the option to provide a video interview utilizing the Spark Hire platform.

NOTE: Faculty and Sponsors will NOT be told if you apply to other projects and will NOT not be told how you rank their project.

Applying to additional projects will NOT reduce your chances of placement on your most desired projects. Applying to additional projects WILL increase the chances that you receive a project offer from the group of projects you apply to.

☐ Industry: Amway	☐ Industry: JPMorgan Chase	☐ Industry: Whirlpool	☐ FEAST: Prof. Berenson: Agrobots	☐ FEAST: Prof. Gurevich: Telematic Music Performance
☐ Industry: Ann Arbor Hands on Museum	☐ Industry: Keurig	☐ Research: Prof. Dinov: SOCR Big Data	☐ FEAST: Prof. Besprovzany: Design For Participation	☐ FEAST: Prof. Hannaford: Improv Across Disciplines
☐ Industry: ASML	☐ Industry: Magna	☐ Research: Prof.	☐ FEAST: Prof. Chavasse:	☐ FEAST: Prof. Junghans:

		Flannagan: Deviate	Shape & Flow of Languages	22 26 Midwest
☐ Industry: Axalta	☐ Industry: MotorCity Casino	☐ Research: Prof. Green: Driving Simulator	☐ FEAST: Prof. Coronel: Developing Engineering Pathways	☐ FEAST: Prof. Kerkez: Open Storm UX
☐ Industry: Cat Digital	☐ Industry: Northrop Grumman	☐ Research: Prof. Hu: Adaptive Designs	☐ FEAST: Prof. Comerci: Sonic Scenographies	☐ FEAST: Prof. Khan: 1001 ++ Magical Tech
☐ Industry: Constellation	☐ Industry: Principal	☐ Research: Prof. Kasper: Helio	☐ FEAST: Prof. Frederick: Picturing the Structure of Musical Spaces	☐ FEAST: Prof. Modrak: Studio Joy
☐ Industry: DENSO	☐ Industry: ProQuest	☐ Research: Prof. Liang: Mapleseed	☐ FEAST: Prof. Gant: Sounds and Colors of DEI	☐ FEAST: Prof. Moldwin: Space Weather Sensors
☐ Industry: FLASH	☐ Industry: Riot Games	☐ Research: Prof. Rao DIAG Health	☐ FEAST: Prof. Girard: Identifying Endangered Plant Species	☐ FEAST: Prof. Murdoch-Kitt: ORBIT Lab
☐ Industry: GM	☐ Industry: Shiloh	☐ Research: Prof. Revzen RoAM	☐ FEAST Prof. Gilpin: Storytelling in Architecture	☐ FEAST: Prof. Pachikara: Shadow Catching
☐ Industry: Honda	☐ Industry: Stryker	☐ Research: Prof. Sampson CLUES	☐ FEAST: Prof. Gourgou: LuCelegans	☐ FEAST: Profs. Rowden, Smotrich: Creative Campus Voting
☐ Industry: Hyundai	☐ Industry: Subaru	☐ FEAST: Prof. Antonio: Framing	☐ FEAST: Profs. Graf, Nebeling, Kim: AiR Play	☐ FEAST: Prof. Thompson: Korean Art Song

Adjust the projects below into <u>your</u> preferred order (1 = most desired, 2 = 2nd best choice, 3 = 3rd best choice, etc...).

Click and drag to adjust the order of the list.

If you have selected only 1 project, click on the project name and move it around until you see a white number 1 on a black background appear to the left of the project name. Then you will be able to advance to the next question in the application.

NOTE: THIS RANK IS PRIVATE AND USED ONLY FOR MATCHING STUDENTS TO PROJECTS. The faculty/sponsor is not shown your rank choice.

Adjust the projects below into <u>your</u> preferred order (1 = most desired, 2 = 2nd best choice, 3 = 3rd best choice, etc...).

Click and drag to adjust the order of the list.

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Industry: Ann Arbor Hands on Museum

Industry: Constellation

Industry: MotorCity Casino

Research: Prof. Green: Driving Simulator

Research: Prof. Hu: Adaptive Designs

FEAST: Prof. Junghans: 22 26 Midwest

Before you adjust the rank -- numbering is hidden (see next page for "after rank")

UNIVERSITY OF MICHIGAN

Adjust the projects below into your preferred order (1 = most desired, 2 = 2nd best choice, 3 = 3rd best choice, etc...).

Click and drag to adjust the order of the list.

If you have selected only 1 project, click on the project name and move it around until you see a white number 1 on a black background appear to the left of the project name. Then you will be able to advance to the next question in the application.

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1. Industry: Constellation
2. Industry: MotorCity Casino
3. Industry: Ann Arbor Hands on Museum
4. Research: Prof. Hu: Adaptive Designs
5. Research: Prof. Green: Driving Simulator
6. FEAST: Prof. Junghans: 22 26 Midwest

Drag the project names up and down until they are in your preferred order.

Industry Amway

Amway

Please select one or more of the project areas below. You maximize your chances of an offer by selecting ALL roles where you have proficiency and/or interest.

[Amway Web Link](#)

- ☐ Database Design
- ☐ Image Processing Engine Development
- ☐ Web App Development

Amway

"Describe your qualifications: What strengths and experiences will you bring to this project team? What knowledge do you already have that will help the team? What are you hoping to learn?" Check the 'Additional desired skills/knowledge/experience' section of the [Amway project brief](#) for specific information requested by the sponsor.

[(Sample Responses)](#)

Upload your qualifications statement as a .PDF below.
Maximum File Size: 350KB

Note: If you are applying for multiple projects, please separate your qualifications statements into separate files. You will be prompted to upload a new Individual Qualifications Statement for each project you are applying to.

 Note: F-1 Visa Students: This project requires International Students on an F-1 Visa to declare weekly, part-time CPT: undergraduates 11 hours per week, graduate students: 6 hours per week. See FAQ for more information.

Optional Video Upload

MDP utilizes video interviewing/posting to enhance the process of matching students to projects. Posting a video interview only requires a webcam and a high-speed internet connection (or smartphone). The process is user friendly and there are clear instructions to guide you through each step. Uploaded videos are short (1--2 minutes). Some projects have requested that you answer specific questions.

Instructions, hints and unique project links are available on the MDP How to Apply page in the Video Interview Information section https://mdp.engin.umich.edu/how-to-apply/

Industry Ann Arbor Hands on

Ann Arbor Hands on Museum

Please select one or more of the project areas below. You maximize your chances of an offer by selecting ALL roles where you have proficiency and/or interest.

[Ann Arbor Hands on Museum link](#)

- ☐ Back-End Programming
- ☐ Front-End Programming
- ☐ Hardware / Beacon Technology
- ☐ Museum Learning Experience/K12
- ☐ UI/UX

Each project has a section to select roles. Further detail about the roles is shown on the project web page under the Student Skills tab.

"Describe your qualifications: What strengths and experiences will you bring to this project team? What knowledge do you already have that will help the team? What are you hoping to learn?" Check the 'Additional desired skills/knowledge/experience' section of the [Ann Arbor Hands On Museum project brief](#) for specific information requested by the sponsor.

[(Sample Responses)](#)

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FINAL Notice

Please read and click on each of the following boxes to complete your application.

☐ Offer letters will be sent out via email between November 1st and December 15th. Please be patient!

☐ If you successfully match to a team, you will receive one offer only. If you decline the offer, we will offer that position to a student on the waitlist. You will not receive another offer.

☐ If you receive an offer, you will have ONE WEEK to accept or decline your position. If we don't hear from you your spot may be awarded to someone from the waitlist.

☐ I acknowledge that participating on an MDP industry team might create a conflict of interest with other employment or project activities I participate in. If it is determined that my activities present a conflict of interest, I understand I will not be allowed to participate in both activities. If I am considering any other activities that might create potential conflicts, after receiving an offer, I will contact the MDP office.

☐ If you haven't already, please schedule an advising appointment with your department's academic advisor before October 28th. Discuss the possibility of receiving an offer to join an MDP project team and confirm that you have credit hours in your schedule (both Winter 2023 and Fall 2023 semesters).

CLICK the arrow below to finish. When you see image below, you know that your application has been correctly recorded.

We thank you for your time spent taking this survey.
Your response has been recorded.