Ready to apply for the MLH Fellowship? (Page 1 /10)

Hey, there! We're so excited to hear that you're interested in becoming an MLH Fellow in our upcoming batch.

At Major League Hacking (MLH) we know the power of hands-on learning first-hand. Every year, more than 135,000 aspiring technologists around the world participate in MLH events where they learn the skills that help them land jobs, launch startups, and everything in between. You can't learn these necessary skills in most classrooms, which is why so many people take their education into their own hands and join our community every year.

The MLH Fellowship is a collection of programs designed to make learning these skills easy, fun, and fast. By pairing educational and fun content with practice experience, you can learn a lot in a very short period of time. Whether you're looking to build out your initial portfolio of personal projects, polish up a project you're passionate about, or start contributing to Open Source, we have a program for you.

Upcoming Terms and Deadlines

- Fall 2023: Starts 18 September 2023
    - Deadline for Applicants from Asia: 31 July 2023
    - Deadline for Applicants from other regions: 31 August 2023

The application takes approximately 30-45 minutes to complete. *You can save your work at any time and come back to it in the future.*

Eligibility Check (Page 2 /10)

Before we get too far along, let's confirm your eligibility for the program. In order to apply for this program you must meet **all** of the criteria listed below.

Instructions
Congratulations! You are qualified to apply for the MLH Fellowship. Click "Next Page" below to continue your application.

Program Qualification Confirmation
- Age: I am over the age of 18.
- Residency: I do not reside in a country embargoed by the United States.
- Time Commitment: I am able to commit at least 30 hours per week to the program.
- Communication: I am proficient with English, both written and spoken.
- Coding Experience: I can code proficiently in at least one programming language.
- Environment: I have regular access to quiet workspace for meetings & coding.
- A/V Setup: I have regular access to a video call quality Internet connection, webcam, & microphone.

Create your Profile (Page 3 /10)

Let's start by collecting some basic information about you and where we can find you on the internet.

Basic Information

First Name   Last Name
Ayushi   **Choudhary**

Primary Email Address
ayushichoudhary0016@gmail.com

Portfolio/Resume

We ask you to share a copy of your resume and links to your online profiles to help us better understand your experience level and background. The more information you can share with us, the better!

You must share ***at least one*** *of the listed items with us to submit an application. Uncheck the box next to anything that you don't currently have.*

Which of the following do you have that you can you share with us?
- Resume
- GitHub Profile
- LinkedIn Profile
- Personal Website / Portfolio

Resume
Ayushi Choudhary Resume Updated (BW).pdf

GitHub   GitHub Handle
http://github.com/ ayushichoudhary-19

LinkedIn   LinkedIn Handle
http://linkedin.com/in/ ayushi-choudhary-7688b91ba/

Personal Website URL
https://ayushichoudhary-19.github.io/myportfolio

Programs (Page 4 /10)

The MLH Fellowship is a collection of 12-week programs designed to help you level up your tech skills quickly. Whether you're looking to build out your initial portfolio of personal projects, start contributing to Open Source, or gain practical experience solving real problems for companies, we have a program for you.

In this section you'll learn about some of the key ideas behind the fellowship and tell us which programs you're interested in.

Citizenship / Visa Status

Some opportunities require you to hold citizenship or a visa in your country of residence or the country where the employment partner sponsoring your participation is located.

Country

India

In which country will you primarily reside in during the program, if accepted?
India

Do you have work authorization in any additional countries?
No

Program Selection

Which program type would you like to apply for?	Which programs(s) would you like to be considered for?	Term
MLH Fellowship Program	**- Software Engineering**	**Fall 2023 (Sep 18 - Dec 8)**

Scheduling Preferences

Time Commitment
- I am able to commit at least 30 hours per week to the program.

During which time blocks are you available to meet with staff or other Fellows, should you be admitted?
- 10:00 GMT
- 12:30 GMT
- 15:00 GMT
- 18:00 GMT
- 19:00 GMT

Education Experience (Page 5 /10)

Overview

Are you currently enrolled as a student in an academic institution?
Yes

Current Academic Experience

Current Institution Name	Current Institution Type
Indira Gandhi Delhi Technical University for Women	**University - Graduate Level**

Expected Graduation Month	Expected Graduation Year
May	**2025**

Major
Computer Science / Software Engineering

Type of Credential Granted

Degree

Professional/Work Experience (Page 6 /10)

Overview

Are you planning to look for a coding job in the next 12 months?
No

Developer Experience (Page 7 /10)

Experience

Please rate your level of familiarity with the following programming languages:

Android (Java/Kotlin)
Very unfamiliar, have never used

C
Somewhat unfamiliar, have used before but am not comfortable

C++
Very proficient, use frequently

Rust
Very unfamiliar, have never used

Go
Very unfamiliar, have never used

iOS (Swift/Objective-C)
Very unfamiliar, have never used

Java (Non-Android)
Somewhat unfamiliar, have used before but am not comfortable

JavaScript
Very proficient, use frequently

TypeScript
Very unfamiliar, have never used

Julia

Very unfamiliar, have never used

PHP
Somewhat unfamiliar, have used before but am not comfortable

Python
Somewhat proficient, use occasionally

Ruby
Very unfamiliar, have never used

SQL (MySQL, PostgeSQL, etc.)
Somewhat proficient, use occasionally

Haskell
Very unfamiliar, have never used

OCaml
Very unfamiliar, have never used

Please list any programming languages with which you are proficient not listed above:

Which of the following have you done before?
- Built a website with HTML, CSS, and JavaScript
- Built a frontend web application using a front-end framework
- Used Git to create and merge pull requests
- Pair programmed

Interests

Which of the following areas do you have specific interests in?
- Back-end Development (Web & Mobile)
- Front-end Development
- Graphics

Code Sample (Page 8 /10)

Overview

At Major League Hacking we don't believe in whiteboarding interviews. Instead, we prefer to talk about the code you've written. As part of your application you should submit a code sample that you feel demonstrates your abilities. We'll review this sample ourselves while looking over your application. If you're invited to a tech interview, you'll talk about this specific code with your interviewer.

Code Sample Requirements:

- **Representative:** The sample should be representative of your abilities. If you're submitting a group project, make sure you contributed a substantial amount of code. Projects that are based mostly on a tutorial aren't representative of your own abilities.

- **Existing sample:** This is code that you wrote for a purpose other than this application.

- **Public on GitHub:** Your sample should be viewable on GitHub publicly. If you can't make the repository public, convert your code to a secret GitHub Gist instead.

- **Multiple files:** Your sample should consist of multiple files and be of substance. It's hard to have a conversation about a single function.

- **Not too large:** It's difficult to have a conversation about a mono-repo with dozens of microservices. It should be immediately clear what you contributed to the sample. Dense frameworks with lots of boilerplate such as Django or Laravel don't usually make for good code samples. Lightweight frameworks such as Flask and Express are good examples.

- **Real problem:** Your sample should solve a real problem or accomplish a real goal. While some class projects will meet this criteria, most won't. There's nothing wrong with the binary search tree you wrote, but it'll be hard for your interviewers to get to know you through that kind of sample.

- **No Jupyter notebooks:** We need to see your ability to write a project that an end user can use. It should be deployable. We don't accept Jupyter notebooks or other exploratory code samples because it's difficult to have a conversation about your coding skills with these.

Examples of good code samples

- A web app with JavaScript
- A web server (backend only)
- A mobile app
- A desktop app
- A command line app

Examples of poor code samples

- Jupyter notebooks
- Tutorials
- Simple static sites with no logic *(i.e. without JavaScript / similar)*
- Algorithm implementations / competitive coding solutions

- University or bootcamp coursework *(as these often contain too much boilerplate and aren't representative of your own abilities)*

What to do if you don't have an appropriate code sample:
If you don't have a relevant code sample, our best advice is to attend one of the upcoming MLH hackathons and submit whatever you build there. MLH has hackathons taking place every weekend of the year and they are open to both students and professionals.

Code Sample

Code Sample GitHub URL	Which programming language/technology are your contributions to this code sample primarily written in?	Briefly describe what this code sample does:	Briefly describe what you learned when you created this code sample:
https://github.com/ayushichoudhary-19/soulnect-mental-health-website	JavaScript	**This code is for an ongoing project - Soulnect. It is a mental health project aimed at providing a supportive online community and resources for individuals seeking mental well-being. With a combination of HTML, CSS, JavaScript, and Firebase for the backend, Soulnect offers a range of features including user authentication, community forums, resources & articles, mood**	**When creating the Soulnect project and using Firebase for the first time, I gained several key learnings: 1. I deepened my understanding of JavaScript fundamentals. 2. To enhance the project's functionality and user experience, I learned to integrate JavaScript libraries like SweetAlert and Chart.js 3. I developed skills in error handling and debugging JavaScript code. Through**

tracking & journaling.

console logging, debugging tools, and error-handling techniques, I identified and resolved issues, ensuring the smooth functioning of the Soulnect application. 4. I learned how to integrate Firebase with the project's backend. This involved setting up Firebase authentication, Firestore database, and other Firebase services required for the project's functionality. 5. I learned how to define security rules to restrict access to certain data and functionalities within the Soulnect project. 6. As I worked on the project, I learned and applied best practices in

JavaScript coding. This included following proper code organization, modularizing code, and adhering to coding conventions and style guidelines.

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Essay Questions

Essays are an important part of how we evaluate applicants for the MLH Fellowship. Make sure you include enough information to help us understand who you are, why you want to be an MLH Fellow, and what you would bring to the program.

Your essays are your first impression to our admissions team. The best essays show us how passionate you are about this opportunity and give us lots of detail about you and your interests. Take your time here and show the best possible version of yourself! There is no word count minimum, but we recommend at least a paragraph or two for each essay.

Why do you want to become an MLH Fellow?
I am excited about the opportunity to become an MLH Fellow because it aligns perfectly with my aspirations. The MLH Fellowship offers a unique experience of contributing to open-source projects, which I believe is invaluable in today's tech industry. Unlike traditional internships, this program allows me to work on projects that have a real impact on the software engineering community as a whole. As an MLH Fellow, I am eager to immerse myself in the world of open-source development and gain hands-on experience with projects that are relied upon by tech companies worldwide. This program offers an excellent platform to enhance my software engineering skills and apply industry best practices while collaborating with experienced professionals. Furthermore, being a part of the MLH Fellowship community provides an opportunity to network with like-minded individuals who share my passion for technology and software development. I look forward to engaging with fellow Fellows, participating in educational events such as the speaker series and hackathons, and leveraging the expertise of technical mentors. Overall, the MLH Fellowship represents a unique chance for me to grow both professionally and

personally, contributing to meaningful projects and expanding my horizons within the software engineering community.

The MLH Fellowship is a diverse community that welcomes Fellows from a wide range of experiences and backgrounds. What perspective or experience will you bring to the fellowship to strengthen our community?

As a Computer Science student with a holistic knowledge of tech, coding, design, and development, I bring a unique perspective to the MLH Fellowship community. While I may not have traveled outside of India, my experiences within my local community and academic endeavors have exposed me to the power of collaboration, interdisciplinary work, and embracing diversity. During my time as the President of Ananta - The Science Society at IPCW-DU, I had the opportunity to work with individuals from diverse backgrounds, including sociology, psychology, economics, mathematics, geography, computer science, and environmental science. Together, we created an inclusive and collaborative environment where everyone's skills and perspectives were valued. This experience taught me the importance of leveraging the strengths of individuals from various fields to solve complex problems and foster innovative solutions. Furthermore, my involvement in Ananta - The Science Society allowed me to understand that science isn't restricted to any particular stream or department. It transcends boundaries and requires a multidisciplinary approach. This understanding has shaped my belief in the power of collaboration, empathy, and open-mindedness, which I intend to bring to the MLH Fellowship community. I strongly believe that the strength of a community lies in its diversity. By actively engaging with individuals from different backgrounds, I hope to contribute to a collaborative and inclusive environment within the MLH Fellowship community. I am eager to learn from fellow Fellows, share my experiences, and promote an atmosphere that encourages creativity, respect, and growth for all.

Anything else we should know about you?

In addition to my passion for software engineering and open-source development, I am also enthusiastic about leveraging technology for social impact. I strongly believe in the power of technology to drive positive change in society, particularly in the field of mental health. Through personal experiences and encounters with individuals facing mental health challenges, I have developed a deep empathy and understanding of the importance of mental well-being. I am committed to using my technical skills to create solutions that address mental health issues and provide support to those in need. If given the opportunity as an MLH Fellow, I would love to explore how technology can be harnessed to improve mental health resources, create accessible platforms for mental health support, and raise awareness about mental well-being. I believe that combining the MLH Fellowship experience with my dedication to mental health advocacy would allow me to make a meaningful contribution to the software engineering community while positively impacting the lives of individuals struggling with mental health concerns. Overall, I am eager to embrace the MLH Fellowship experience, collaborate with fellow Fellows, and contribute my skills, passion, and perspective to the program and its community.

Optional Questions (Page 10 /10)

Demographics

We invite applicants to self-identify as to their pronouns, gender, race/ethnicity, and veteran status. Completion of this form is entirely voluntary and declining to provide this information will not subject you to adverse treatment. Any information that you do provide will be maintained confidentially and will not be shared.

All individuals seeking to join the MLH Fellowship are considered without regard to race, color, religion, national origin, age, sex, marital status, ancestry, physical or mental disability, veteran status, gender identity, sexual orientation, or any other legally protected characteristic. You are being given the opportunity to provide the following information in order to help us measure our own diversity and inclusion efforts and to comply with applicable federal and state Equal Employment Opportunity record-keeping and reporting obligations.

What are your pronouns?
She/Her

Gender   Race/Ethnicity
Female Indian

Do you identify as part of an underrepresented group in the technology industry?
Yes

Misc.

How did you hear about the MLH Fellowship?
I found it myself on Google or another search engine

Stay Informed about the MLH Fellowship:
- I authorize MLH to send me occasional emails about relevant events, career opportunities, and community announcements

Attached File:

Ayushi Choudhary Resume Updated (BW).pdf (99 KB)