

IDS 439 Job Analysis

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Abstract

While looking through internships and careers, I came across an advertisement for an Artificial Intelligence (AI) Research Generalist at a company called Invisible Technologies. Invisible Technologies, or simply Invisible, is a company dedicated to the advancement of AI by seeking to provide clarity in what AI is and what its capabilities are before implementing it into projects (Invisible Technologies). Invisible Technologies has partnerships ranging from Microsoft to Nasdaq with the intent to aid these companies with seamlessly integrating AI into their projects (Invisible Technologies). Invisible Technologies currently has many career opportunities to choose from; however, I chose the artificial intelligence research generalist position for this job analysis.

AI Generalist Purpose and Responsibilities

The AI Generalist position is an entry-level, remote, position created to help provide feedback on AI models. The goal of the project is to perform a series of tasks working with AI systems and models to evaluate their proficiencies (*Entry-Level AI Generalist, 2026*). This position also expects candidates to help create training data, and this data is expected to be used on future AI models Invisible is looking to test (*Entry-Level AI Generalist, 2026*). The candidate is expected to be able to identify inconsistencies and communicate them to provide a platform for current and future models to be able to learn from (*Entry-Level AI Generalist, 2026*). It is reiterated that this is an entry level position, so “guidance and examples to help you succeed” will be provided to selected candidates (*Entry-Level AI Generalist, 2026*). The advertisement also insinuates that any prior knowledge or experience in AI, computer science, or cybersecurity is not necessary for this position because the program is “designed for people who are early in their academic journey” and are eager to learn more about AI (*Entry-Level AI Generalist, 2026*).

The advertisement offers many incentives, with the main incentives being the pay range, the remote work opportunity, and the chance to gain experience (*Entry-Level AI Generalist, 2026*). While these are the obvious motivators, for me, the major motivators would be the remote work opportunity and the chance to gain experience; while Invisible Technologies does operate out of a couple of different states, the remote work opportunities allows me to work from Virginia while I complete my degree. The future motivators would be the amount of diverse job opportunities within the company, and being able to have this entry-level experience within the company could help me to make a good first impression before moving into a more specialized position. The company culture is also an incentive; Invisible Technologies seems to be a forward thinking company focused on improving AI through research and the AI generalist role is

inviting towards people without any technical experience, essentially, it is trying to create a group of people who are passionate about technological advancement (Invisible Technologies; *Entry-Level AI Generalist*, 2026). AI is also a fast-paced industry and more jobs will be created because of that; this makes this position extremely attractive towards people with and without technological backgrounds because it can open the door for a stable career in AI development.

Required Skills

While there aren't necessarily any technical skills required for this position, there are a variety of soft skills required for the position. The advertisement emphasizes the ability to work independently (*Entry-Level AI Generalist*, 2026). The ability to work independently also implies that the candidate has proper time management skills and is able to prioritize tasks that need to be completed during the allotted time given. While this isn't necessarily a "hard skill" that I have learned, I have taken various asynchronous courses over the last six years and being able to work independently, prioritize tasks, and time management are all skills that I have learned from that experience. Although, the job description doesn't have a designated start date, so if I were to apply and get the job, I would have to work to find ways to balance my school work while working. These skills can also be a challenge for other candidates because many people work better in groups or during a set amount of time that in-person careers mandate.

Attention to detail is also a skill that the job advertisement lists (*Entry-Level AI Generalist*, 2026). When working with a company like Invisible, attention to detail matters while training AI because of the other companies it's partnered with. Being able to point out minor issues in an AI system can help to prevent larger issues down the line as AI continues to be advanced. I have a background in Python and JavaScript, which are case sensitive programming languages where attention to detail is the difference between a program working and a system

error. However, attention to detail isn't necessarily something that is learned once, it is a skill that has to be developed and refined over time, so that may be an area I struggle in. While my background may not directly correlate with AI development, this background would help look further into the AI systems and the datasets that are being used to train it to possibly identify any issues.

The last skill the advertisement highlights is communication (*Entry-Level AI Generalist*, 2026). While the advertisement emphasizes that the job is remote, communication matters because the candidate must be able to communicate their findings in an understandable, respectable, and effective manner to be able to contribute to aiding the AI models. While this job is remote, the possibility of working with others to complete the tasks may still be expected. The job description also states that guidance will be available and being able to communicate effectively about any problems or overall suggestions is necessary. Communicating during remote work is a skill that I have experience in because of experience with online courses throughout high school and college, so this wouldn't be hard for me to adapt to. For others who may not have experience with remote work or online courses, online communication and email etiquette may be something worth learning before applying.

Skills I Have

While the advertisement says that no experience is required for the position, given that it is an AI-centric job, it may be worth having some background in technology (*Entry-Level AI Generalist*, 2026). As a cybersecurity major, I have taken networking courses that have given me insight into how devices communicate with each other, this is knowledge that I can apply to AI systems. This networking background can help me to evaluate AI systems in-depth and provide valuable feedback from, possibly, a different perspective. It can also be helpful to understand

certain government or company policies related to AI to ensure that any changes can legally be implemented, and cyber policy is something I have also done, and continue to do, research in. Invisible Technologies works with global companies, and different countries have different policies regarding AI, so it may be helpful to have knowledge in global AI policies.

Conclusion

The AI Generalist job at Invisible Technologies would overall be an interesting job for me out of college. While analyzing different advertisements, I found that some jobs value soft skills over technical skills. Even though the AI Generalist position doesn't necessarily require the technical skills that I have been learning, it would provide me with experience working with AI systems and training tools that I think would be valuable for future cybersecurity careers regarding AI. While looking through other advertisements made me realize I need to refine more "hard skills", this job analysis helped me to think about how my educational experience could set me apart from other applicants in entry-level positions, but also about what soft-skill areas I may need to develop more before applying to any job.

References

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