



Careers Behind the Code: Amazon AI Tour

Note Catcher

Name

Class

Directions:

At each stop on the tour, match the new vocabulary word with its definition using the word bank below. At the end of each stop, reflect on what you learned about our investigation question.

The Big Question:

How do people build, design, train, and guide the AI systems shaping our world?

artificial intelligence (AI)
algorithm

model
dataset
hardware

reinforcement learning
simulation

Stop	Vocabulary	Facts I learned at this stop/ Questions I still have
Introduction	artificial intelligence (AI): computer science that teaches computers to learn, reason, and solve problems like humans (Stop 0) algorithm: step-by-step instructions that tell a computer how to complete a task (Stop 0)	
Stop 1	model: the part of an AI system that learns and makes sense of information (Stop 1) dataset: a large, organized collection of information AI learns from (Stop 1) hardware: the physical parts of a computer, like chips and servers (Stop 1)	
Stop 2	reinforcement learning: learning by trying things and getting feedback on what worked (Stop 2) simulation: a safe, virtual space where AI can practice tasks (Stop 2)	





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user experience (UX)
design

AI agent
prompt
automation

ethics
guardrails
sustainability

{ Thank you for joining us on
an **Amazon Future Engineer
Career Tour!**

Stop 3	user experience (UX): what it's like to use a product or app (Stop 3) design: planning how a product looks, works, and feels (Stop 3)	
Stop 4	AI agent: a program that takes actions on its own from a person's instructions (Stop 4) prompt: the instruction you give the AI (Stop 4) automation: using technology to do repetitive tasks (Stop 4)	
Stop 5	ethics: principles for making fair, responsible decisions when building AI (Stop 5) guardrails: safety rules that keep AI from doing harmful things (Stop 5) sustainability: using resources carefully to avoid wasting energy (Stop 5)	

