amazon

EMNLP 2020

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Day 1

When Amazon.com launched in 1995, it was with the mission "to be Earth's most customer-centric company," where they could find and discover anything they might want to buy online. How that could happen and even what it meant to be a customer-centric company through the decades that have followed is, well, an ever bigger success.

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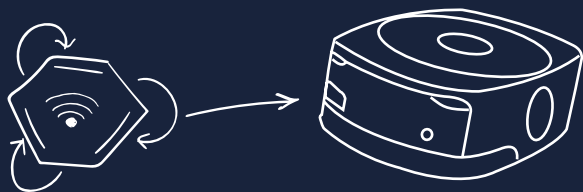
Come build the future with us.

Global research locations

Aachen	Bengaluru	Culver City	Haifa
Atlanta	Berkeley	Cupertino	Hyderabad
Arlington	Berlin	Dublin	Irvine
Austin	Boston	Edinburgh	London
Barcelona	Cambridge	Gdansk	Luxembourg
Bellevue	Chennai	Graz	

Manhattan Beach
New York
Newark
North Reading
Palo Alto
Pasadena

Pittsburgh
San Diego
San Francisco
Santa Clara
Santa Monica
Seattle

Shanghai
Sunnyvale
Sydney
Tel Aviv
Tokyo
Toronto

Tübingen
Turin
Vancouver
Westborough

Teams that create our next innovations

Advertising Technology | Bengaluru, Edinburgh, Palo Alto, Seattle

Amazon is investing heavily in building a world class advertising business by solving the challenging problems within machine learning. These problems include unsupervised learning, natural language processing, computer vision, deep learning, robust statistics, predictive modeling and information retrieval.

Alexa | Berlin, Boston, Cambridge, Gdansk, New York, Seattle, Sunnyvale, Turin, Vancouver

Alexa is the cloud-based intelligent agent that powers Echo and other devices designed around voice. We are a team of scientists and engineers creating the technology behind Alexa. Our mission is to push the envelope in AI, NLU, ML, Dialogue Management, ASR, TTS and Audio Signal Processing in order to provide the best experience for our customers.

Amazon Go | Boston, Haifa, Seattle

Amazon Go is a new kind of store with no lines and no checkout - you just grab and go! Customers simply use the Amazon Go app to enter the store, take what they want and go. We are looking for people to join an ambitious program that continues to push the state of the art in computer vision, machine learning, distributed systems and hardware design.

Amazon Search | Barcelona, Berkeley, Palo Alto, Seattle

Whenever a customer visits an Amazon site worldwide and types in a query or browses through product categories, Amazon Search services go to work. We develop and deploy high performance, fault-tolerant distributed search systems that use different ML applications to offer search suggestions, understand intent of queries, rank products, and optimize results.

AWS AI | Berlin, Dublin, New York, Palo Alto, San Diego, Seattle, Shanghai, Sydney, Tel Aviv, Toronto, Tübingen, Vancouver

AWS provides machine learning services to help you easily build smarter applications and processes and make better decisions from your data. Our mission is to share our learnings and ML capabilities as fully managed services, and put them into the hands of every developer and scientist.

Lab126 | San Francisco, Tel Aviv

Lab126 designs and engineers high-profile consumer electronic devices. We've developed products like Kindle e-readers, Amazon Fire TV, and Amazon Echo devices. Our computer vision and machine learning groups innovate and build the state-of-the-art algorithms that power new camera based technologies and more.

Prime Video | London, Seattle

Prime Video works on a wide range of machine learning, deep learning, and computer vision research problems to provide a delightful video watching customer experience globally. We work on recommender systems, home page personalization, image optimization, video meta-data generation, copyright infringement and offensive content detection.

Robotics | Berlin, Boston, Seattle, Tübingen

Amazon Robotics designs, codes, builds, and manufactures game-changing software applications, control systems, robotics and related hardware that is revolutionizing Amazon's operations across the globe.

Supply Chain Optimization Technologies | Cambridge, New York, San Diego, Seattle, Toronto

We work closely with software engineers and other scientists in economics, machine learning and operations research to create innovative solutions in forecasting, inventory planning and supply chain logistics globally.

Academic collaborations

Student programs

We hire PhD and Masters interns throughout the year across a wide variety of teams, locations and domains. Relevant areas of research include:

- Machine learning
- Computer vision
- Natural language processing
- Speech
- Robotics
- Statistics
- Operations research
- Software development
- Hardware development

Amazon Scholars

We've got a flexible new program for professors which ranges from part-time to full-time research roles across multiple teams and domains at Amazon. Want to know more? Visit amazon.science/scholars or email scholars-interest@amazon.com

AWS Cloud Credits for Research

We offer credits for AWS services for researchers building cloud-hosted publicly available science-as-a-service applications, software, or tools to facilitate their future research and the research of their community. Apply online at aws.amazon.com/research-credits

Alexa Prize

Compete with researchers from around the world seeking to advance the start-of-the art in open domain dialogue systems.
Learn more at: developer.amazon.com/alexaprize

AWS Educate

Amazon's global initiative to provide both students and educators with the resources needed to accelerate cloud-related learning.
Learn more at: aws.amazon.com/education/awseducate/

Diversity at Amazon

We are a company of builders working on behalf of a global customer base. Diversity is core to our leadership principles, as we seek diverse perspectives so that we can be "Right, A Lot". We welcome people from all backgrounds and perspectives to innovate with us. Learn more at amazon.com/diversity
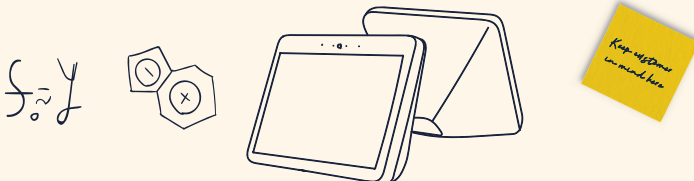
Amazon Research Awards

The Amazon Research Awards (ARA) program offers awards of up to $80,000 to faculty members at academic institutions worldwide.

You can learn more at ara.amazon-ml.com.

Areas of research include:

- Computer vision
- Fairness in artificial intelligence
- Knowledge management and data quality
- Machine learning algorithms and theory
- Natural language processing
- Online advertising
- Operations research and optimization
- Personalization
- Robotics
- Search and information retrieval
- Security, privacy and abuse prevention