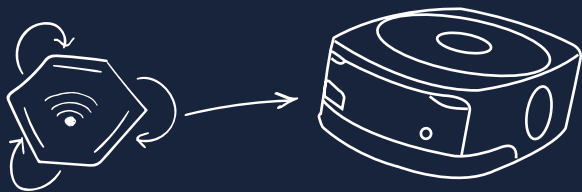


# amazon

## CVPR 2020

[amazon.science/CVPR](https://amazon.science/CVPR)





Come build the future with us.

# Global research locations



Aachen

Atlanta

Arlington

Austin

Barcelona

Bellevue

Bengaluru

Berkeley

Berlin

Boston

Cambridge

Chennai

Culver City

Cupertino

Dublin

Edinburgh

Gdansk

Graz

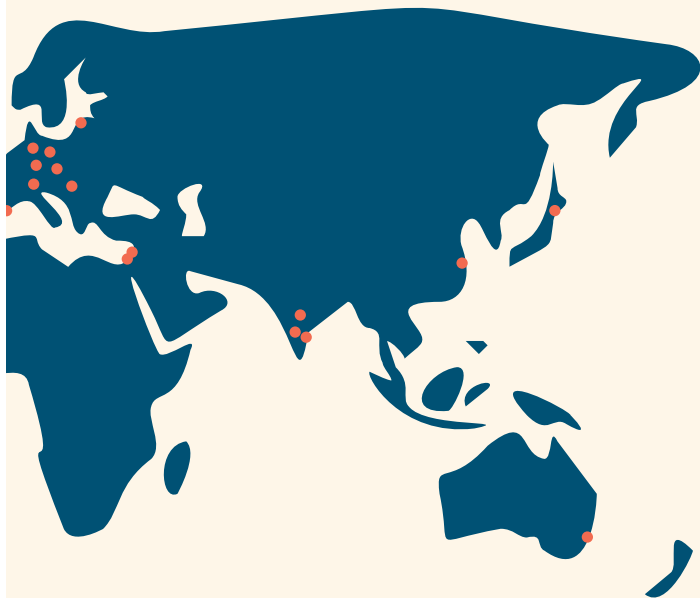
Haifa

Hyderabad

Irvine

London

Luxembourg



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

**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 Selection and Catalog Systems (ASCS)** | NYC, UK, Cupertino, Seattle

ASCS builds the systems that host and run the worlds largest e-Commerce products catalog. We develop and apply technologies spanning parallel processing, storage, ML, NLP and Image Recognition.

**Augmented Reality & Visual Search** | Palo Alto, Seattle

Our team powers Amazon's augmented reality and product search capabilities within Amazon Mobile. Our R&D efforts span these major areas: 3D reconstruction, CV for augmented reality applications, algorithms for CV, image matching and classification, scene-text recognition and CV for Search.



**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 Air** | Seattle, Cambridge, Graz

We're working on the future. Prime Air is a future delivery system designed to safely get packages to customers in 30 minutes or less using small drones. Come help us make Prime Air a reality!

**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.

**Scout** | Seattle

We've been hard at work developing a new, fully-electric delivery system - Amazon Scout - designed to get packages to customers using autonomous delivery devices.

# 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](https://amazon.science/scholars) or email [scholars@amazon.com](mailto:scholars@amazon.com).

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## Alexa Prize

Compete with researchers from around the world seeking to advance the start-of-the-art in open domain dialogue systems.

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## 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/](https://aws.amazon.com/education/awseducate/)





## 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](https://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





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