

EDO LIBERTY

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Full Industry bio Edo Liberty is the founder of Pinecone the vector database for machine learning. He was a Director of Research at AWS and the head of Amazon AI Labs. At Amazon he lead the creation of Amazon SageMaker and its Elastic Algorithms suite and supporting Amazon Elastic Search, Kinesis, Glue, QuickSight, Personalize, Forecast, DeepRacer, and other AWS services. Prior to that, Edo managed Yahoo's research lab in New York and its Scalable Machine Learning Platforms group. Edo also co-founded an automatic video content recognition (ACR) company which was later acquired by Vizio.

Edo received his B.Sc. in Physics and Computer Science from Tel Aviv University and his PhD in Computer Science from Yale University, where he was also a postdoctoral fellow in Applied Mathematics. As an adjunct professor at Tel Aviv University, Edo taught advanced data mining algorithms. He is the author of more than 75 academic papers and patents on topics such as machine learning, data mining, streaming algorithms, and optimization. His publications include award winning breakthroughs on streaming matrix approximation and fast dimension reduction. He is a frequent program committee member and invited keynote speaker at international academic and developer conferences. Edo is also a core member of the Apache DataSketches project, a production ready library for streaming and sketching algorithms.

short industry Edo Liberty is a technical leader, a scientist, and an entrepreneur, in the machine learning platforms and databases space. At AWS, Edo was the Head of Amazon AI Labs and the Director of Research at AWS in charge of SageMaker. At Yahoo, Edo managed the New York Research Lab and the Scalable Machine Learning Platforms group.

Edo received his B.Sc. in Physics and Computer Science from Tel Aviv University and his PhD in Computer Science from Yale University, where he was also a postdoctoral fellow in Applied Mathematics. As an adjunct professor at Tel Aviv University, Edo taught advanced data mining algorithms. He is the author of more than 75 academic papers and patents on topics such as machine learning, data mining, streaming algorithms, and optimization.

Edo's first company built a video search engine for smart TVs (acquired by Vizio). He is currently the founder of Pinecone the vector database for machine learning.

Academic bio Edo received his B.Sc. in Physics and Computer Science from Tel Aviv University and his PhD in Computer Science from Yale University, where he was also a postdoctoral fellow in Applied Mathematics. His research topics include theoretical machine learning, data mining, streaming algorithms, and optimization.