

Xinyu (Ivy) Li

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EXPERIENCE

Studio Xolo

Jersey City, NJ

Founder

Sept 2019 - Current

- Providing AI consulting services.
- Building machine learning based prototype applications.
- Serving as mentor for the Statistics MA program at Columbia University.

Phiar Technologies

Redwood City, CA

Cofounder & CTO

June 2018 - Aug 2019

- Participated in Y Combinator 2018 summer batch.
- Raised seed round funding of \$2.5 million.
- Led agile development processes, made several key hires, managed a growing team of research and production engineers.
- Implemented engineering best practices such as static checks, testing, continuous integration and architecture design reviews.
- Designed and implemented deep learning research and deployment pipeline.
- Developed efficient driving scene segmentation models running more than 30 frames per second on iOS devices.
- Filed 2 US patents related to mobile augmented reality navigation and driving safety.

Shutterstock Inc.

New York, NY

Data Scientist

Jan 2015 - May 2018

- Prototyped, designed and implemented image auto-tagging feature in computer vision REST API service in Python, which improved weekly content submission by 62% on iOS platform and 70% on Android platform.
- Designed and implemented AWS ECS-based visual search system consists of an API interface to a deep neural network model, a high performance search engine written in C++, an orchestration layer in Python, in conjunction with real-time and batch indexing pipelines via RabbitMQ.
- Created Python REST API backend for a Chrome plugin prototype which allows users to find visually similar images on Shutterstock from any image on any website, won company-wide hackathon in 2017.
- Developed an algorithm in Python to cluster visually similar new images, won company-wide hackathon in 2016.
- Filed 2 US patents related to image search.

Truveris

New York, NY

Data Scientist

Aug 2014 - Jan 2015

- Developed Truveris National Drug Index, a volume weighted price index summarizing the average price of prescription drugs in the US over a period of time.

Socure

New York, NY

Data Scientist

Jan 2014 - July 2014

- Researched and implemented low latency face similarity comparison algorithm in Socure's identity verification REST API service written in Java/Scala.
- Filed a US patent related to identity verification.

EDUCATION

Columbia University

New York, NY

MA in Statistics

Feb 2014

Guangdong University of Foreign Studies

Guangzhou, China

BS in Mathematics and Applied Mathematics

May 2012