

Jeff An

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EXPERIENCE

SELFMADE | Software Engineer (Machine Learning), New York City Jan 2018 – present

- Overcame a company-wide blocker by implementing an auto-scaling, self-replicating EC2 cluster of proxy servers capable of bypassing Instagram's API rate limit
- Built a triplet convolutional net in Pytorch to identify stylistically similar Instagram users
- Integrated this model into a ReactJS content sourcing feature, allowing media strategists to automatically find relevant images to repost on customers' Instagram accounts

TERANET | Full Stack Developer, Toronto Apr 2017 – Sept 2017

- Implemented a geolocation-based search results caching feature using the Java Spring framework and PostgreSQL, improving load time by an average of 45%
- Designed and constructed a cross-domain cookie authentication system in AngularJS to securely load and cache proprietary images from a partner company

PROJECTS

XOR | Co-founded blockchain startup Mar 2018 – Present

- Managed an agile scrum team to develop a distributed blockchain lending platform
- Coordinated fundraising efforts including drafting a whitepaper, constructing a pitch deck, and pitching investors, ultimately securing funding from the 1517 startup fund

OPEN MIND | Yale Hacks Best Overall & Fake News Challenge Winner Dec 2017

- Wrote a chrome extension to analyze the political bias of news articles using NLP
- Featured on the Associated Press, Washington Post, Fox News, CTV, etc. and recognized by US Congress for positive innovation in the technology sector

AWARDS

Major League Hacking - 2018 Season Medal 2018

Queens University Hackathon - First Place 2018

Kik Technology Case Competition - National Finalist 2016

International Chemistry Olympiad - Bronze Medalist 2015

SKILLS

Languages - JavaScript ES7, Python3, C++, Java

Frameworks - ReactJS, Redux, Meteor, ExpressJS, PyTorch, NumPy

Platforms - AWS (λ , ECS, EC2, SQS), Docker, Mongo, Hadoop, BigQuery, CircleCI

EDUCATION

UNIVERSITY OF WATERLOO | Computer Science (3.97/4 GPA) Sept 2016 - Present