

Jeff An

 (332)-255-8564
 jeff.an@edu.uwaterloo.ca
 github.com/jeff-an
 linkedin.com/in/jeff-an
 jeffan.ca

EXPERIENCE

SPLUNK | Software Engineering Intern, San Francisco

Sept 2018 – Present

- Designed a Kubernetes service to predictively adjust EC2 Auto Scaling group sizes to match internal demand for build infrastructure, **saving 1.3 million** in the first year
- **Expanded Splunk's supported platforms** to Kubernetes by developing an operator to launch, scale, and manage distributed Splunk K8s deployments
- Enhanced the open source Splunk Docker image with a feature that moves infrequently searched data to an S3 bucket, **reducing storage costs by 7x**

SELFMADE | Software Engineering Intern, New York City

Jan 2018 – Apr 2018

- Built a self-replicating, highly available proxy server capable of bypassing Instagram's API rate limit using EC2 Autoscaling, **overcoming a company-wide blocker**
- Trained a convolutional net in Pytorch to help media strategists **find potential Instagram followers** for customers based on stylistic similarity

PROJECTS

OPEN MIND | Co-founder, Lead Engineer

Dec 2017 - Present

- Published a ReactJS chrome extension that **identifies political bias** in news articles using spaCy NLP and then **suggests similar articles** from different political perspectives
- Featured on the Associated Press, Washington Post, Fox News, and CTV; presented research findings on fighting propaganda to **US Congress**

AWARDS

Queen's University Hackathon - First Place

2018

Yale University Hackathon - Top 8 Overall & Fake News Challenge Winner

2018

USA Computing Olympiad - Platinum Division

2017

SKILLS

Languages - JavaScript, Python, C++, Scheme, Go

Full Stack - ReactJS, Redux, Meteor, Mongo, ExpressJS, AioHttp, CircleCI, Jenkins

Cloud & ML - AWS, Kubernetes, Docker, Google Cloud, Azure, PyTorch, NumPy

INTERESTS

 - International Chemistry Olympiad Bronze Medalist

 - Royal Conservatory of Music Grade 10 Piano, Grade 8 Saxophone

 - Yosemite, Yellowstone, Grand Canyon

EDUCATION

UNIVERSITY OF WATERLOO | Computer Science (3.97/4 GPA)

Sept 2016 - Dec 2020