

SHINE WANG

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WORK EXPERIENCE

Jane Street Capital

Software Developer Intern

May – Aug 2017

New York, NY

- Built a server that tracked current and historical data sources
- Analyzed message rate statistics and rate limits between trading systems and exchanges

Facebook

Software Engineer Intern

Sept – Dec 2016

Menlo Park, CA

- Implemented a Babel plugin that efficiently encoded Javascript to reduce browser parsing time
- Contributed three sets of optimizations to a modern JS ES6 minifier, [Babili](#)

Quora

Software Engineer Intern

Jan – Apr 2016

Mountain View, CA

- Designed, tuned and productionized a classifier to detect harassment comments using NLP
- Re-designed and migrated the storage of answer ranking features from MySQL to HBase in Python

Google

Software Engineering Intern

May – Aug 2015

Waterloo, ON

- Wrote MapReduce pipelines that collected, aggregated, and summarized Ads logging metadata in C++
- Prototyped a web dashboard to statistically analyze and visualize the volume of those logs

PROJECTS & ACTIVITIES

Academic Research

Undergraduate Research Assistant

Jan – Apr 2017

Waterloo, ON

- Co-authored [Event Detection on Curated Tweet Streams](#) (accepted to SIGIR 2017)
- Investigated online machine learning training techniques for topical classification of Twitter tweets
- Built a dashboard for visualizing live tweet streams, categorized by topic, using React

Beyond

Co-founder

Sept – Dec 2014

Vancouver, BC

- Trained a classifier to quantify peoples' stress levels using data from smartwatches and chest straps
- Wrote a Python server to process biometric data from HTTP requests
- Built an iOS app to interface with the stress detection technology in Swift

Canadian Computing Competition

Silver medalist, top 20 of 2000

May 2013

Waterloo, ON

- Solved challenging programming problems with advanced algorithms and data structures in C++

EDUCATION

University of Waterloo

Honours Bachelor of Computer Science

June 2018

- 3.95 GPA, 92% average, Dean's Honour List
- CS Coursework: Compilers, Programming Languages, Algorithms, AI, Operating Systems, Security