

# SHINE WANG

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## WORK EXPERIENCE

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### 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

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### 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

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### University of Waterloo

*Honours Bachelor of Computer Science*

Apr 2018 (expected)

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