

Bill Zheng

☎ 647-975-6518 | ✉ bzheng74@gmail.com

EDUCATION

University of Waterloo

B.S. COMPUTER SCIENCE

Waterloo, Canada

Sep. 2016 - Apr. 2021

- 3.8/4.0 cumulative and major GPA, will graduate April 2021

EXPERIENCE

Citadel

New York City

ORDER GATEWAY, SOFTWARE ENGINEERING INTERN

Jan. 2020 - Apr. 2020

- Designed and built a feature-rich tool in C++ and Python that replayed production scenarios for latency analysis, optimized for 1 million+ orders a second
- Coordinated with compliance teams to implement script that examined COVID-19 restrictions on 1,000+ internal systems, with violations stored in SQL for investigation
- Developed service that detected intraday latency spikes and generated a report viewed by entire organization

Facebook

New York City

ANDROID INFRASTRUCTURE, SOFTWARE ENGINEERING INTERN

May. 2019 - Jul. 2019

- Reduced Android app start-up time by 200ms via creating and A/B testing an experiment to preload only 1 story per friend using React and Java
- Communicated with data science teams to establish large scale logging changes on 100+ endpoints and wrote automated deployment rules to verify correctness
- Fixed 100,000+ daily crashes through refactoring dependencies in essential libraries and components

Google

Mountain View

PLAY STORE, SOFTWARE ENGINEERING INTERN

Jan. 2018 - Apr. 2018

- Led the redesign of the "Read More" page to improve experience and information availability for 2 billion+ users
- Revamped app photo viewer by adding navigation gestures such as an animated pull-to-dismiss gesture
- Utilized infrastructure tools such as BigTable to propagate and display the release date for 6 million+ apps

Wish

San Francisco

ANDROID PRODUCT, SOFTWARE ENGINEERING INTERN

May. 2017 - Aug. 2017

- Increased revenue by \$10 Million+ through adding an interactive view to display related products
- Developed a timed sales system deployed for a back-to-school promotion that increased items sold by 40%
- Doubled referral usage by researching and experimenting with notification placement throughout the app

SKILLS

- Languages: Java, C++, Python, Go, Kotlin, JavaScript, HTML/CSS, C#, Scala
- Frameworks/Tools: Android, SQL, Unix, Node.js, React/Redux, Git, Mercurial, Kubernetes

PROJECTS

Overstats

- Self-improvement app with 100,000+ downloads, 4.6 star rating and 4000+ reviews, released on the Google Play Store (<https://goo.gl/cnRBUR>)
- Helps users refine their skill in Overwatch by providing data and statistics tracking with a clean user interface

AWARDS

Hackerrank

- Achieved 99.5th percentile out of 170,000+ users, 25th in Canada

Canadian Computing Olympiad

- Placed 13th out of 3,000 contestants in national Olympiad, was used to select the Canadian IOI team