

https://www.ouye.ca ou.ye.canada@hotmail.com | 425.410.9532

SKILLS

PROGRAMMING

- Python, Java, C#, .Net, LATEX
- React, Redux, Webpack, Azure
- Typescirpt & Javascript & Node.is
- AWS EC2 & S3 & Elastic-search
- Apache & Maven & Ant & Gradle
- Docker & Cucumber & Ecs
- Protobuf & gRPC

DATABASE

- MongoDB, MySQL, DB2
- Presto, Hive, AirFlow

TOOLS

- Git
- IntelliJ
- Eclipse
- Netbean
- PyCharm
- Visual Studio
- Android Studio

INTERESTS

- Backend Development
- Full-stack Web Development

HOBBIES

- Camping
- Traveling
- Star Gazing
- Photography

PROJECTS

• devpost.com/software/lens

EDUCATION

UNIVERSITY OF TORONTO

B.S. IN COMPUTER SCIENCE 2012 SEPT - 2018 JUNE

LINKS

Resume: ouye.ca

500px: **500px.com/mapleboy** Github: **github.com/MapleWorld**

EXPERIENCE

META | SENIOR SOFTWARE ENGINEER - SECURITY & PRIVACY TEAM July 2022 - Current

US, Seattle | 1 Hacker Wy, Menlo Park, CA 94025

- Lead the migration of the Oculus privacy center to Meta Accounts Center
- Lead a team of engs to build the next privacy infrastructure for data portability to ensure compliance of GDPR (General Data Protection Regulation) and DMA (Digital Market Act) via the form of Download Your Information, View Your Information, and Transfer Your Information
- Development of Meta account supervision for underage user to comply with Children's Online Privacy Protection Act (COPPA)
- Development of Meta account deletion & deactivation feature to ensure compliance with various Consumer and Privacy Act in the US (CCPA, CPRA, VCDPA, CPA, CTDPA, UCPA)

DROPBOX | SOFTWARE ENGINEER II - ANTI-ABUSE TEAM

Feb 2021 - June 2022 | US, Seattle | 1800 Owens St, San Francisco, CA 94158

- Detect & prevent sharing of abusive & malicious content on Dropbox, and prevent & reduce account take over activity on Dropbox products
- Build services to prevent malicious content from sharing, such as administration portal, restricted content service (50k QPS), abuse email processor, validation service, and scanning pipeline using Python and React
- Design and build JUDO (Just-in-time User compromise Detection) system to detect potential compromised password for login/sign-up flow, and collaboration with acquisition to further extend the coverage
- Architect, and lead the development of Cryptocurrency scanner to prevent storage abuse on Dropbox products, and malware scanning pipeline

MICROSOFT | SOFTWARE ENGINEER II - WEB PROTECTION TEAM

Aug 2019 – Jan 2021 | US, Seattle | One Microsoft Way, Redmond, WA 98052

- Build multi-process web based web crawler and detonation service using puppeteer
- Design and development of Network protection feature adopted by 500M machines and block URIs from being accessed by applications with roughly 6M API call per day
- Lead a cross team optimization effort for the entire back-end job pipeline system for Windows Defender and Microsoft Edge, resulted in saving of 2M annually for the security organization, and a saving of 300k for optimization within the team
- Development of file delta, saved roughly 1TB of bandwidth consumption daily

THOMSON REUTERS | SOFTWARE ENGINEER

Jan 2018 - Aug 2019 | Canada, Toronto | 333 Bay St. Toronto, ON M5H 2T4, Canada

• Development of high volume search & transactions intensive web applications using elastic search, Java, React, C#, .Net, Node.js, docker, selenium and cucumber

IBM | SOFTWARE ENGINEER

May 2015 - April 2016 | Canada, Toronto