Ou Ye

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SKILLS

PROGRAMMING
- Java 7 & 8
- C, Python, LaTeX
- React, Redux, Webpack
- Typescirpt& Javascript & Node.js
- AWS EC2 & S3 & Elastic-search
- Apache & Maven & Ant & Gradle
- Docker & Cucumber & Swagger

DATABASE
- MySQL, DB2

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

INTERESTS
- Data Analysis
- Machine Learning
- Mobile Development
- Full-stack Web Development

HOBBIES
- Camping
- Traveling
- Star Gazing
- Photography

EDUCATION

UNIVERSITY OF TORONTO
BS in Computer Science
Completed 2018 January
Convocation 2018 June

LINKS

Resume:// **ouye.ca**
500px:// **500px.com/mapleboy**
Github:// **github.com/MapleWorld**

EXPERIENCE

THOMSON REUTERS | Software Engineer
Jan 2018 – Current | Canada, Toronto
- Full stack development on various Java, react, and node.js based web applications with e2e testing using docker, selenium and cucumber
- Improved the developer experience of the API through integration of various features, such as Swagger into the embedded jersey server
- Development of cross-platform scalable RESTful API by leveraging existing HaProxy

RAKUTEN | Software Engineer Intern
May 2017 – August 2017 | Japan, Fukuoka
- Design and implemented of an auto data generation server & website, to facilitate and streamline the process of data generation
- Engineered the current testing system to join with the data generation, and automated the testing for the internal credit card system

AMAZON | Software Engineer Intern
June 2016 – Sept 2016 | Canada, Toronto
- Created a REST API and an interactivity web tool that can visualize the internal supply chain pipeline using Ruby, Angular, Java, JavaScript, and Hibernate
- Implementation of data analysis logic to identify the performance of the pipeline, provide early detection, and insight of the pipeline processes in real time
- Implementation of auto notification with the data analysis to inform the team about the status and health of the jobs and provide an overview of the pipeline system

IBM | Software Engineer Intern
May 2015 – April 2016 | Canada, Toronto
- Enabled horizontal scalability by leveraging the clusters concept, and developed a mini cluster group: **Supports 750x more processes through load balancing**
- Development of a cross platform web server using Java, Node.js, Cluster, DB2 & MongoDB for user to interact with SQL Query Generator
- Create Youtube video to teach and educate audience how to use IBM Products **Youtube Play List** & **Github Open Source Repository**

PROJECTS

Lens - devpost.com/software/lens
- A website that retrieve tweets/blogs/news articles on the Internet using IBM Insight, Alchemy, and Twitter API, and perform analytic on the data to produce sentimental graphs on tweets, gender, and geographic distribution

OTHER PROFICIENCIES
- Experience working with Scrum and Agile development
- Experience with full stack for Web, Mobile, and Java development
- Proficient in working with all Windows & Mac OS, and Linux(Ubuntu)