

# Youliang Pan

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## SUMMARY

I am a full stack software engineer currently working in New York City. I graduated from Cornell University with a Bachelor's of Science in Computer Science. I am currently an Associate Software Developer at Sumitomo-Misui Banking Corporation, JRI-America Department, where I create software using Java, Spring, and EXTJS.

## EXPERIENCE

### **Associate Software Engineer**

JRI America Inc.

July 2017 - Present

- Worked on the E-moneyger team as a full stack developer for internal monetary web applications.
- Created a reporting tool that sped up report loading by 150\% for 20\% of all users.
- Mapped and migrated legacy data from active directory storage to Oracle Databases.
- Implemented new hashing algorithms to comply with auditing and security policies for login.

### **SDE Intern**

Amazon

June 2016 - August 2016

- Worked on the eCIF3-FLASH team on an exceptions metrics tool to be integrated into the FLARE-CLI service for monitoring of broken use cases between the FLARE-pipeline and FLASH.
- Retrieved Flare application logs from Amazon's Timber archive system.
- Added additionally scraping methods for parsing through log files to find exceptions using Regex matching in JAVA.
- Set-up and designed the schema for an AWS-Redshift database to store parsed exceptions from the logs.
- Wrote a custom API to handle different SQL queries to retrieve different metrics about the exceptions from the Redshift database.

### **Web Developer**

Belle Delivery

June 2015 - August 2015

- Worked on the backend development team to implement the basic features of the website, such as login system, registration page, email-verification sending service, chat functionality, and Stripe payment system.
- Created a unique matching algorithm to match deliverers with customers in PHP, along with storing of customer data and order information in a MySQL database.
- Co-wrote an Advanced REST API to exchange data between the web server and the mobile app to have cross-platform compatibility.
- Currently in the process of migrating server to Amazon Web Services.
- Website Url: <http://www.belledelivery.com> | Apple Store Published App: "Belle Delivery"

### **Knight Institute Writing Tutor**

Cornell University

April 2014 -

- Conducted tutoring sessions with students. Identified weaknesses in the writing piece relating to thesis assertions, organizational flow, argument development, and style.
- Worked over the summer part-time as a writing tutor for the Pre-freshman Summer Program at Cornell
- Taught as a language tutor for ESL and international students to improve their grammar.

### **Laboratory Assistant**

NASA Goddard Space Flight Center

June 2012 - August 2012

- Tested and obtained data from a LiDAR remote sensing device in vacuumed and various temperature controlled environments.
- Used Matlab to obtain voltage and temperature data from a laser emitting device that paired with the LiDAR sensor.
- Graphed thousands of data vectors using excel and created a poster presentation for the internship fair.

## **EDUCATION**

**Cornell University**

- 2017

, *Computer Science*

## **SKILLS**

Java  
PHP  
JavaScript  
Computer Science  
Programming  
Software Development  
Banking  
MySQL  
HTML  
Python  
CSS  
C  
Linux  
Microsoft Excel  
Jquery  
C++  
Git  
Amazon Web Services (AWS)  
JavaServer Pages (JSP)  
Microsoft Office  
JIRA  
Matlab  
Perforce  
OCAML  
Ext JS  
Regular Expressions

Fisheye  
Crucible  
Confluence

## **LANGUAGES**

English

## **LANGUAGES**

Chinese

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