Greater New York City Area
New York, NY 10017

YAOXI LIANG

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EDUCATION

West Lafayette, IN, Purdue University   **Aug 2013 – May 2018**
- B.S in Computer Science, Software Engineering. GPA: 3.3
- Coursework: Data structures; Algorithms; OOP; Operating Systems; Software Testing; Cryptography, Network
- Teaching assistant of CS250 - Computer Architecture

TECHNICAL SKILLS

- **Languages:** C/C++, Python, JavaScript, C#, Ruby, Bash, VB.NET, SQL, HTML/CSS
- **Tools & Frameworks**: Django, React.js/Redux, Node.js, Ruby on Rails, Jenkins, Git, Ansible/Chef, MySQL/PostgreSQL, Amazon Web Service (S3, EC2, Lambda, DynamoDB, Lex, CloudWatch, etc.), Firebase

EMPLOYMENT & LEADERSHIP

Software Engineer, New York, NY   **Sept 2018 - Present**
Bloomberg LP
- Full Stack development of Bloomberg Terminal internal functions

Mobile Application Developer Intern, Indianapolis, IN   **June 2018 – Aug 2018**
Aubry Lane & Furtrieve
- Built and launched an Android application following Google Material Design (https://play.google.com/store/apps/details?id=com.saffron.furtrieve)

Software Engineer Intern, New York, NY   **May 2017 - Aug 2017**
Fresh Digital Group
- Implemented a highly reusable template for a large set of Amazon Alexa skills in Node.js
- Automated the production, unit testing and deployment process of voice skills by configuring Jenkins
- Collaborated and Implemented MVC for a SaaS web application with Ruby on Rails
- Built RESTful APIs with Grape gem and APIs Oauth2.0 protection with Doorkeeper gem
- Maintained and developed interactive web pages for official website

Undergrad Research Assistant, West Lafayette, IN   **Aug 2016 - May 2017**
Purdue University
- Built a Windows desktop application to simulate the SSMB chromatography process in VB.NET
- Optimized the automated the simulation process, reducing 50 percent operation time
- Enhanced graph display module to adapt to multiple data file

Vice President/Director of IT, West Lafayette, IN   **Apr 2015 - Dec 2016**
Purdue University Undergraduate Chinese Association
- Led a three-people IT team to maintain our server, update websites, and develop applications for events
- Planned and initiated the 'distinguished orientation and consulting group' to help new Chinese students
- Organized several academic/non-academic events such as callouts and black Friday Shopping trip, etc.

PROJECT EXPERIENCE

- **New York Dev-Week Hackathon**. A set of backend RESTful APIs for a chatbot game. - Ruby on Rails
- **Linux Shell**. An interactive Linux shell interpreter with wildcarding and subshell. - C/C++, Lex and Yacc
- **HTTP Server**. A multi-threaded HTTP server with cgi-bin and directory listing. - C, POSIX Thread
- **Simple Search Engine**. A lightweight web-crawler with binary search, AVL tree, and hash-table mode. – C

ADDITIONAL EXPERIENCE

- **Disability Student Note-taker**
- **Professional Piano Keyboard player in ROSA band**