

# Haomin Li

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## EDUCATION

### UNIVERSITY OF WATERLOO

#### 4A IN COMPUTER SCIENCE

Expected graduate April 2020 |  
Waterloo, ON

## LINKS

Github:// [EricHaomin](#)  
LinkedIn:// [Haomin Li](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms  
Data structures  
Network  
Database Management  
Object Oriented Programming  
Numerical Computing  
User Interface Design  
Operating System  
Applied Cryptography

## SKILLS

### PROGRAMMING

- Python • JAVA • C++ • SQL • JavaScript
- JQuery • Shell • Matlab • Perl • C
- Swift • HTML5 • CSS3

### FRAMEWORKS

- React • Restful API • ASP.NET
- AWT • Spring

### TOOKITS

- Git • Vim • Docker • AWS
- Gradle • Jira

### IDES

- Pycharm • IntelliJ • Visual Studio
- Xcode • Android Studio

### SYSTEMS

- MacOS • Windows • Linux
- Android

## INTERESTS

Data Engineer

Backend Developer

Big Data Developer

Frontend Developer

## EXPERIENCE

### ADP CANADA | SOFTWARE DEVELOPER INTERN

Mississauga, Canada | Fall 2018

- Re-factored a framework on Teampay dashboard Pagination which allows synchronous call and pulling 50 companies data from the company database to web page dashboard at a scroll (**Java, Javascript, JQuery, React**)
- Provided a template for company to categorize data by writing a script, which analyzed and formatted 330,000 lines of data dump (**Perl**)
- Reduced server load by 30% through implementing Deletion Restoration scheduling tool which allows server to delete and restore users in a non-busy period (**HTML, Java, JDBC, SQL**)

### INSTACART (UNATA TEAM) | AUTOMATION DEVELOPER INTERN

Toronto, Canada | Winter 2018

- Increased efficiency of Quality Assurance team by 80% through automating 20+ manual testing. (**Python, Selenium**)
- Improve ecommerce platform's performance and increase company's revenue by issued 50+ new test cases, logged 150+ backend, frontend and data defect tickets. (**Jira**)
- Perform Regression test cycles daily and functional test cycles weekly (**Jira**)

### TOUR EAST HOLIDAYS | JUNIOR APPLICATION DEVELOPER INTERN

NorthYork, Canada | Spring 2017

- Designed Window Application - Sabre Flight Fare Checker business tool. Optimizing the flight searching process, parsing useful itinerary information and redirecting to the designated database. (**Java, JDBC, SQL**)
- Developed project - Document Dispatch Associates impressed by Expedia Customer Service VP. The project was cooperated with Expedia Customer Service department, which is used to automatically email clients from designated client database their booking information and updates of their itinerary details. (**Java, JDBC, SQL, MVC**)
- Shorten the average email sending time from 2 minutes per email to 15 seconds per email.

## PROJECTS

### FOTAG MOBILE ANDROID

Java, Android studio Gradle 4.4, Android Plugin 3.1.3, Compile Sdk API 28

Fotag Mobile is an interactive mobile application that allows users to store there private images in a dynamic layout that responds to device orientation. Users can rate images (1-5), and filter them based on this rating.

### DOODLE DRAWING BOARD

Java, AWT, Spring MVC, Gradle

Doodle is a Mac/Windows application that records the drawing process of users and generates a 1 minutes animation. Forward play and backward play are both supported.

## AWARDS

- |      |                      |   |
|------|----------------------|---|
| 2014 | Second Place 50/5000 | Provincial Chemistry Olympiad Competition       |
| 2015 | \$2000 CAD           | President's Entrance Scholarship of Distinction |
| 2016 | \$1000 CAD           | President Research Scholarship                  |
| 2016 | \$1000 CAD           | International Foreign Experience Awards         |