

# JINHUI SHEN

✉ j72shen@edu.uwaterloo.ca · ☎ 6479377982 · in Jinhui(Thea) Shen

## 🎓 EDUCATION

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### University of Waterloo

Sept. 2016 – Present

3A in Double Degree of Computer Science (University of Waterloo)  
Business Administration (Wilfrid Laurier University)

## 👥 EXPERIENCE

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### Institute of Computing Technology, Chinese Academy of Sciences

May - Aug. 2017

*Software Developer Intern* Beijing, China

Using Java to optimize the algorithm for Glycan Structure Identification Software (GIPS)

- Rewrote and optimized the core data structure and algorithm for the software
- Reduced time consumption to 0.002%, from 117.87s to 0.0029s
- Reduced memory consumption to 2.048%, from 1763 Mb to 36.1 Mb

### Scotiabank - Risk Management Information Technology

Jan. 2018 – Apr. 2018

*Associate Programmer Analyst* Toronto, Canada

Using Python and Java to support internal regulatory reporting system

- Implemented automation program for daily fetching reports
- Managed testing process and technical documentation
- Regulatory project management using JIRA and Leankit

### FindARestaurant

Sept. 2017

*Individual Project*

Build a Python program to find a restaurant with a given location and meal type

- Utilized Google Maps API, Foursquare API and Postman
- Coded in Python for the mainframe of the whole program

## ⚙️ SKILLS

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- Programming Languages: Java, C++, C, Python, SQL
- Platform: Linux
- Workspace: Eclipse, Xcode, Git, Postman, PyCharm

## ♥️ ACTIVITIES AND AWARDS

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- Hack the North 2017 Participant
- University of Waterloo President's Scholarship of Distinction
- Euclid Mathematics Competition Scholarship

## 📄 MISCELLANEOUS

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- GitHub: <https://github.com/TheaaaShen>
- Languages: English - Fluent, Mandarin - Native speaker, Korean - fluent