

# Stella (Wei Xing) Li

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Innovative, collaborative, fast learner, self-driven, and a dependable computer science graduate that is interested in Software Development and improving efficiencies and safety with the use of technologies.

## EDUCATION

### **LOUISIANA TECH UNIVERSITY**

Graduated: May 2020 | Ruston, LA

Diploma: B.S in Computer Science

Concentration:

- Cloud Computing
- Cyber Security

Cum GPA: **3.468/4.0**

- Grading Scale (90-100: 4.0 | 80-90: 3.0)

Completed the Honors Scholar Program in the Honors College and was a NCAA D1 Student-Athlete that represented LA Tech's women's soccer team all four years.

## SKILLS

### **LANGUAGES**

Java • Python • C# • HTML5 • CSS3 • PHP • JavaScript

### **PLATFORM & FRAMEWORKS**

Laravel Framework • XAMPP • Apache • Node.js • macOS • Linux • Microsoft • JSON • Docker • MVC • REST

### **DATABASE**

MySQL • MongoDB

### **LIBRARIES**

jQuery • pandas • NumPy

### **OTHER**

gRPC • Figma • Git • GPIO • AJAX • Raspberry Pi • Microsoft Office Suite • Mandarin

## WORK EXPERIENCE

### **BARTELMES FINANCE LAB**

Jr. Software Engineer

October 2020 – Present | Toronto, ON

- Developed web application for client in Germany
- Used Laravel Framework, MySQL, PHP, HTML, CSS

### **NEIGHBOURHOOD WATCH PLUS**

Full Stack Developer

June 2019 – December 2019, June 2020 – Aug 2020 | Richmond Hill, ON

- Front-End: used HTML, CSS, Javascript, Nodejs, and JSON to create what the user sees with React
- Backend: user login with MongoDB
- Used Figma to create web and mobile application prototypes and collaborated with the distributed development team
- Integrated gRPC application in Neighbourhood Watch service mesh

### **Ruston Smart City IoT Lab**

Student Researcher

November 2019 – May 2020 | Ruston, LA

- Used Raspberry Pi and Python to connect different types of sensors and get readings around campus
- Experimented with Docker Containers to allow our code to be ran on different OS
- Analyzed correlations between readings and how the sensors/motes can benefit the campus and city of Ruston

### **CIBC GLOBAL MONEY TRANSFER**

Information Representative

May 2017 – July 2017 | Toronto, ON

- Interacted with customers and informed them of CIBC's new money transfer service
- Mandarin was the primary language used

## **TECHNICAL PROJECTS**

### **WEB APPLICATION FOR FOOD SELECTION**

November 2019 – May 2020 | Ruston, LA

- Created a website called [www.lunchpad.app](http://www.lunchpad.app) using PHP, MySQL, HTML, and CSS
- The goal was to help people pick a place to eat based on their food preferences

### **MNIST HAND-WRITTEN DIGIT RECOGNITION PROGRAM**

October 2019 | Ruston, LA

- Created a program in Java that is able to learn to recognize a 28\*28 pixel handwritten digit
- Tested to have an accuracy of 96%

### **OTHELLO GAME**

October 2019 | Ruston, LA

- Created the Othello game in Python with the option of two players or playing against the computer
- Used Min-Max algorithm with alpha and beta pruning for decision making

## **AWARDS/CERTIFICATIONS**

- Dean's Honor List (Fall 2019 & Spring 2019)
- Conference USA Commissioner's Honor Roll (2017, 2018, 2019, 2020)
- Patent owner (December 2019)
  - COMMUNITY WATCH WITH BOT-BASED UNIFIED SOCIAL NETWORK GROUP

## **OTHER INVOLVEMENTS & CLUBS**

### **YouTube Content Creator**

September 2020 – Present | Richmond Hill, ON

- Create videos introducing today's technology and programming tutorials

### **E3 SMART CITY CHALLENGE**

#### **Guest Mentor**

August 2020 | Toronto, ON

- Mentored Highschool Kids on presentation and coding skills
- Came up with a smart city idea that could be implemented in our society

### **UPSILON PI EPSILON**

#### **Member**

November 2018 – May 2020 | Ruston, LA

- International Honor Society for the Computing and Information Disciplines

### **COMMUNITY SERVICE**

- Louisiana Soccer Camp | August 2020, July 2017
- 4 Paws Rescue Inc | August 2016, May 2016, November 2017, March 2019
- Ruston High School Special Olympics | January 2017, January 2018
- Ninjas Soccer Club | August 2017 – October 2017