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 StudentAthlete 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 • Maven • 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
- Created a Java application with Maven

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 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 BOTBASED 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