

# Wu Xinyu

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## Education

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### Computer Programming

*Sept. 2022-present*

Algonquin College, Ottawa ON

- GPA: 3.86/4

### Communication and Translation

Nanjing University of Information Science & Technology

*Sept.2018-June.2022*

- Excellent Class Cadres Award

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## Skills

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- Operating Systems: Linux, Windows
- Web Programming: HTML, CSS, JavaScript, PHP
- Programming Languages: Java, SQL, Bash Script, JSON
- Software Tools: Eclipse, VMware Workstation, XAMPP, Wireshark, Android Studio, Apache
- Java Standard Library Skills: Collections Framework, I/O Operations, Java APIs, Java Database Connectivity (JDBC)
- Interpersonal Skills: Detail-oriented, Adaptability, Team Player, Self-starter, Quick-learner, Collaborative, Client-focused, Results-oriented, Time management

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## Academic Projects

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### Shopping Website(Web Programming)

- Design the website layout using HTML and CSS, including sections for item display and a cart.
- Implement JavaScript functions to fetch item data, handle user interactions, and perform client-side validation.
- Set up a PHP backend to handle the checkout process, store user order information, and connect to a database.
- Create a database to store item details and user orders, and dynamically populate item data using AJAX.
- Thoroughly test the website, debug any issues, and deploy it on a web hosting service, ensuring compatibility, and enhancing user experience as needed.

### Currency Converter App Development (Android Studio)

- Created a fully functional Currency Converter app. Users can enter an amount and currency, select a target currency for conversion, and view the converted amount
- App communicates with an API to fetch conversion rates and stores user queries in a local database
- Incorporates notifications and provides a polished user experience with professional UI layouts
- Conducted thorough testing and debugging to identify and resolve issues, ensuring optimal functionality of the Application

### **Implement a console application (Java)**

- Employed the Java Dao pattern to effectively isolate the business layer from the persistent layer. Reduced coupling between the layers, resulting in enhanced maintainability and scalability by implementing an abstract API
- Developed robust functionality to generate and display reports based on data retrieved from the MySQL database
- Handled database-related exceptions during data operations, ensuring smooth data flow and prevented disruptions in the application's functionality

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### **Working Experience**

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#### **Waiter, Chungchun Rice Hotdog, Ottawa, Canada**

*Nov. 2022-Feb. 2023*

- Collaborated with fellow staff to serve customers in a friendly manner during rush hours, resulting in receiving lots of positive feedback
- Communicating with bosses regarding propaganda strategies, which improved the sales rate by 5% that month.

#### **Teacher Assistant, Mo Ben Education Center, Jiangsu, China**

*Sept. 2019-Sep. 2020*

- Delivered high-quality tutoring to students and maintained open communication with parents to ensure consistent academic improvement

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### **Volunteer Experience**

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#### **Against Drug Abuse and illicit Trafficking Volunteer Activity**

*July.2019-Aug.2019*

- Collaborated with community leaders to schedule awareness-raising activities for combating drug abuse and illicit trafficking
- Organized and led a team in conducting door-to-door advocacy efforts, collecting signatures from residents within the community

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### **References**

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Contact Name: Shavit Lupo  
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