

Wu Xinyu

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Personal Website: xinyuwudev.com

Education

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

Skills

- 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

Academic Projects

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.
- 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

Building spaceships (Java)

- Employed the SpaceshipBuilder pattern to systematically construct spaceship objects within a Java console application
- Utilized the builder pattern to create spaceships with various attributes, such as name, speed, and shield level, resulting in a flexible and readable construction process
- Implemented a fluent interface for the SpaceshipBuilder, allowing step-by-step configuration of spaceship properties while keeping the code clean and concise
- Produced spaceship instances with different configurations to demonstrate the versatility and ease of use of the SpaceshipBuilder pattern

Working Experience

Student Entrepreneur, Algonquin College, Ottawa, Canada

Sep. 2023 – Present

- Collaborate with team members to develop our business plan, define key activities, and articulate our business ideas and goals
- Take on the role of web and application development, aligning my responsibilities with the business plan
- Negotiate with team members to refine the presentation of our website and applications
- Contribute to the promotion efforts to enhance the visibility and reach of our website

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

Volunteer Experience

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

References

Contact Name: Shavit Lupo
Company Name: Algonquin College
Position Title: College Professor
Email: lupos@algonquincollege.com

Contact Name: Sarfraz Fayaz Khan
Company Name: Algonquin College
Position Title: College Professor
Email: khans@algonquincollege.com