

# Xing Wei

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## PROFESSIONAL SUMMARY

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- ❖ Use Nmap, Docker, Wireshark to detect malicious behaviors and potential vulnerabilities.
- ❖ Compare and analyze network and host attacks and attack signatures.
- ❖ Design software based on main concepts of public-key cryptography and RSA encryption and decryption algorithms.
- ❖ Evaluate the performance of different password-cracking techniques on a given dataset.
- ❖ **Proficient in using Java, HTML, CSS, Javascript, JQuery, EasyUI, LayUI, MySQL, and Hibernate to develop web applications as a full-stack developer.**
- ❖ Good knowledge of data structures concepts such as different sorting algorithms, binary search trees, Huffman trees, greedy algorithms, and dynamic programming.
- ❖ Excellent written and verbal communication skills.

## PROFESSIONAL EXPERIENCE

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### Best Buy

Sept. 2023 – Dec. 2023

#### Computer Solution Advisor

Vancouver, BC

- Provided expert advice and offer informed guidance to customers on computer systems, application software, and accessories, tailoring recommendations to individual needs.
- Assisted in the selection and setup of computers and peripherals, ensuring customer satisfaction.
- Resolved complex technical issues and provided user-friendly explanations to enhance customer understanding and experience.

**Skills:** Presentation Skills, Communication, **Troubleshooting**, Customer Support.

### SAP

Jan. 2023 – Sept. 2023

#### Analytics Support Engineer

Vancouver, BC

- Provided exceptional technical support for customers facing installation, deployment, and promotion management issues on cloud-based, hybrid, and on-premises systems deployed in multi-tiered and distributed environments, in a timely and effective manner.
- Analyzed Java code and SQL queries as well as Linux commands to identify and troubleshoot complex technical issues.
- Provide support to customers via expert chat and create tickets on ServiceNow.
- Perform queue management as a Queue Manager, update Knowledge Base Articles, and collaborate with other engineers in swarming sessions.

**Skills:** Presentation Skills, Communication, Web Applications, Troubleshooting, Databases, Root Cause Analysis, Customer Support, Linux, **Java**.

### Chinasoft International Ltd.

Oct. 2020 – June 2021

#### Full-Stack Developer

Beijing, China

- Develop and maintain web applications, servers, and databases, fixing related issues.
- Responsible for training onboarding junior developers.

**Skills:** **Java**, **JavaScript**, HTML, Oracle Database, **PostgreSQL**, **Git**, **SVN**.

## PROJECTS

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### Malware Classification

Sept. 2022 – Dec. 2022

- Develop a [malware classification system](#) using machine learning algorithms.

▪ **Technology:** Python, GitHub.

### Digital Air Waybill Platform Development

Jan. 2021 – June 2021

- Design a waybill management system that supports more than 52 airlines, 370 airports, and thousands more cargo stations (dap.union-sky.com.cn/cms/pages/index).
- **Technology:** Java, JavaScript, HTML, PostgreSQL, SVN.

### Staff Management System Development

Oct. 2020 – Dec. 2020

- Maintain the user management system for CATA (China Air Transport Association).
- **Technology:** Java, JavaScript, HTML, Oracle Database, Git.

## EDUCATION

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### New York Institute of Technology Vancouver

Jan. 2021 – Dec. 2022

Cybersecurity (M.S.)

Vancouver, BC

- Courses: Computer Forensics, Intrusion Detection and Hacker Exploits, Cryptography, Data Center Security.
- **Projects:** TCP Attacks Lab - **Linux**, Malware Classification - **Python**

### Indiana University Bloomington

Aug. 2015 – July 2019

Computer Science (B.S.)

Bloomington, IN, USA

- Courses: Data Structures, Database Concepts, Machine Learning, Intro to Data Mining.
- **Projects:** Texas Hold'em Game AI - **Java**, MNIST Fashion Classifier – **Python**
- Organizations: Swim Club at IU, Indiana Science Olympiad

### New Trier Township High School

Aug. 2012 – May 2015

(High School Diploma)

Winnetka, IL, USA

- Organizations: New Trier Swimming and Diving (Junior Varsity); New Trier Math Club (Varsity); New Trier SILC Program (**Teaching Assistant**).
- Mathematics Competitions in North America (**Varsity Math Member**): ICTM 2015 Regional Team -1<sup>st</sup> Place; State Team 4<sup>th</sup> Place; State Calculator Team 1<sup>st</sup> Place.

### Niles North High School (High School freshman) Skokie, IL, USA

June 2011 – Aug. 2012

## VOLUNTEER & PART-TIME EXPERIENCES

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- Indiana Science Olympiad (Bloomington, IN) - **Data Recorder** Mar. 2017, Mar. 2019
- EnCON IEEE 2017 Conference (Bloomington, IN) - **Undergraduate Volunteer** Nov. 2017
- Indiana University New Student Orientation (Bloomington, IN) - **Volunteer** Aug. 2017
- Starbucks at Forest Woodland (Bloomington, IN) - **Barista** Oct. 2015 – Feb. 2016