# Yuxuan Zhou

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## EDUCATION

**Syracuse University** - The College of Engineering and Computer Science **Syracuse, NY**
Ph.D. in Computer and Information Science and Engineering (CISE) **Aug. 2021 – Present**
Master of Science in Computer Science **Aug. 2019 – Dec. 2020**
**GPA** 3.93
**Coursework**: Advanced Computer Architecture, Design & Analyze of Algorithms, Principles of Operating Systems, Intelligent&Secure Cyber-Phys, Biometrics, Machine Learning for Security, Deep Learning: Theorem Proving, Principles of Social Media and Data Mining, Structured programming & formal methods, Intro. Courses (Artificial Intelligence, Cryptography, System-on-Chip Design), Blockchain & Cryptocurrencies

**Hubei University** - School of Computer Science and Information Engineering **Wuhan, China**
Bachelor of Software Engineering **Sept. 2015 - Jun. 2019**
**Coursework**: Computer Programming (C++, C#, Java, J2EE), Operating System, Data Structures, Computer Network, Software Project Management, Design and Analysis of Algorithm, Database Practical Technology, Information Security, Computer Graphic, Computer Architecture, LINUX System and Analysis, Software Testing

**University of Minnesota** **Minneapolis, MN**
Summer General Education Training Program **Summer 2018**
**Coursework**: International Marketing, Education for a Global Citizen, Intercultural Communication, A Brief History and Outlook of Global Economics

## EXPERIENCE

**Syracuse University** **Syracuse, NY**
Research Assistant **Fall 2020 - Present**
- Explored Ethereum and EOSIO services security
- Analyzed Blockchain smart contracts security
- Tracked decentralized application(DApp) historical activities

**Wuhan CyberObject Co., LTD** **Wuhan, China**
Software Engineer Intern **Summer 2017, Fall 2018**
- Optimized and tested replay function of a mobile application of a home smart camera
- Completed marketing research and system development of an online ordering system, constructed front-back end communication module and data server
- Collaborated with other engineers to develop a B2C platform for rapid development and deployment, using a distributed architecture

## PROJECT

- Developed the online multiplayer or vs-RNN-AI Gomoku games on Python and JavaScript **Fall 2020**
- Applied Logistic Regression and LSTM models to predict and analyze the attitude of the public in different states in the US on COVID-19 on Tweet **Spring 2020**
- Developed inventory monitoring and email alert software in Python, automatic order placement browser plugin in JavaScript for online shopping platform (taobao.com and jd.com) **Dec. 2019**
- Completed Online ordering system back-end design using Spring Boot, RESTful API, Nginx, Redis and SQL **April 2019**
- Designed Educational administration web system using MVC structure, ASP.NET, C# and SQL **Fall 2018**

## AWARDS AND CERTIFICATIONS

- Qualification Certificate of Computer and Software Technology Proficiency: Intermediate software designer, May 2018
- First prize of Blue Bridge Cup software development competition (Java Group), March 2018
- Merit Student of College, 2016, 2017, 2019
- Scientific Innovation Award of College, 2018

## SKILLS

- Python, Java, Go, C, C++, C#, JavaScript, SQL