

# Yuting Zhou

zyt680129@gmail.com | +1 (848)-230-9757 | LinkedIn | Personal Website

## EDUCATION

<b>Rutgers University - New Brunswick</b> , New Jersey, USA	09/2024 - Present
<ul style="list-style-type: none"><li>• <b>Major:</b> M.S. student in Computer Science</li></ul>	
<b>Shanghai Institute of Technology</b> , Shanghai, China	09/2020 - 06/2024
<ul style="list-style-type: none"><li>• <b>GPA:</b> 3.7, Ranking Top 10%</li><li>• <b>Major:</b> Bachelor of Engineering in Software Engineering</li></ul>	

## AWARDS & CERTIFICATES

- School-level Scholarship: 2nd Prize (2023, 2022), 3rd Prize (2022, 2021, 2020)
- Alibaba Cloud Certified Associate - Big Data
- Huawei Certified ICT Associate - Intelligence Computing

## PROJECTS EXPERIENCE

<b>AyeNote Online Cloud Notes</b> ; Project Link	05/2022 - 04/2023
<ul style="list-style-type: none"><li>• Designed web crawler and data mining functions.</li><li>• Built front-end with Vue3 and developed back-end using Django.</li><li>• Utilized Python libraries for user data mining.</li></ul>	
<b>King of Bots (Online Web Design)</b> ; Project Link	05/2022 - 11/2022
<ul style="list-style-type: none"><li>• Developed a front-end and back-end separated web application using Vue3 and SpringBoot.</li><li>• Built RESTful APIs for communication between front-end and back-end, using JSON Web Token for authentication.</li><li>• Designed and implemented the battle system with WebSocket for real-time interactions.</li><li>• Managed database operations with MySQL and enhanced UI with Bootstrap4.</li></ul>	
<b>Online Management System</b> ; Project Link	12/2022 - 01/2023
<ul style="list-style-type: none"><li>• Implemented back-end with SpringBoot, MyBatis, and MySQL.</li><li>• Used MD5 encryption with salt for secure database storage.</li><li>• Built Vue3 front-end with Webpack, designed routing, and integrated Element-UI for UI components.</li><li>• Developed borrowing statistics and local image upload functionality.</li><li>• Applied Vue's reactive framework and MVC architecture, strengthening Java proficiency.</li></ul>	
<b>Real-time Pose Estimation (Google Movenet)</b> ; Project Link	09/2023 - 05/2024
<ul style="list-style-type: none"><li>• Utilized Google Movenet model for skeletal point detection.</li><li>• Matched detected poses with predefined references for accuracy evaluation.</li><li>• Supported real-time switching between exercise types (e.g., squats, pull-ups).</li><li>• Tracked and displayed real-time movement scores.</li></ul>	

## INTERNSHIP EXPERIENCE

<b>Shanghai Tenchii Digital Tech Co., Ltd. (Tencent x Shentong Metro Group)</b>	06/2023 - 08/2023
<b>Front-end Engineer</b> , Product Technology Department	Shanghai, China
<ul style="list-style-type: none"><li>• Optimized UX performance for the Official Shanghai Metro App.</li><li>• Redesigned website features and interface to align with business goals and enhance cross-platform functionality.</li><li>• Developed internal interface prototypes and operational documentation for cross-team implementation.</li><li>• Utilized Vue, HTML, CSS, and JavaScript for front-end web pages.</li><li>• Collaborated closely with back-end developers.</li></ul>	
<b>Shanghai Spacecraft Electromechanical Equipment Co., Ltd.</b>	06/2022 - 09/2022
<b>Software Test Engineer</b> , Quality Assurance Department	Shanghai, China

- Established a comprehensive testing environment, executed test cases according to detailed manuals, provided technical guidance on software installations, configurations, and hardware requirements.
- Identified and analyzed system defects and performance issues, delivering in-depth testing reports and actionable insights to improve software stability and performance.

## EXTRACURRICULAR EXPERIENCE

---

- |  |                   |
|--|-------------------|
| <b>Member, Algorithm Competition Club</b> , Shanghai Institute of Technology                     | 09/2022 - 05/2023 |
| • Organized club activities, arranged equipment, assisted the president in writing course plans. |                   |
| <b>Member, P.L Software Engineering Club</b> , Shanghai Institute of Technology                  | 03/2021 - 05/2023 |
| • Responsible for answering questions and resolving doubts for other club members.               |                   |
| <b>Member, Robot Enthusiasts Association</b> , Shanghai Institute of Technology                  | 02/2021 - 05/2023 |
| • Managed daily club administrative work, booking classrooms and planning activities.            |                   |

## SKILLS & LANGUAGES

---

<b>Programming:</b>	C++, Java, Python
<b>Systems:</b>	Windows, Linux, MacOS
<b>Databases:</b>	SQLite, MySQL, MongoDB
<b>Front-end:</b>	HTML, CSS, JavaScript, Node.js, Vue3, React
<b>Back-end:</b>	Spring, SpringBoot, SpringCloud Microservices
<b>Languages:</b>	Bilingual in English and Chinese (Mandarin)