

# Wenxiao (Wes) Zhang

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GitHub: <https://github.com/MoeBuTa> | Website: <https://moebuta.github.io/about>

## EDUCATION

<b>The University of Western Australia, Perth, Australia</b>	<b>02/2021 – 07/2023</b>
<i>Master of Professional Engineering (Software Engineering)</i>	WAM: 80.42
<b>Xiamen University of Technology, Xiamen, China</b>	<b>09/2016 – 06/2020</b>
<i>Bachelor of Electronic and Information Engineering</i>	WAM: 85.69
<b>Victoria University of Wellington, Wellington, New Zealand</b>	<b>07/2018 – 11/2018</b>
<i>International Student Exchange Program</i>	

## WORK EXPERIENCE

<b>China Telecom Corporation Limited, Xuzhou, China</b>	<b>11/2021 – 02/2022</b>
<i>Software Developer (Internship)</i>	
<ul style="list-style-type: none"><li>● Learned full-stack web development, mastering <b>SpringBoot</b> (backend) and <b>Vue.js</b> (frontend) frameworks.</li><li>● Implemented <b>frontend features</b> for a Content Management System, enhancing <b>user experience</b> and <b>usability</b>.</li><li>● Collaborated effectively with the backend team to <b>handle API requests</b> and address data processing issues.</li></ul>	
<b>Myer, Perth, Australia</b>	<i>Online Fulfilment Team Memeber (Casual)</i> <b>10/2023 – 01/2024</b>
<b>McDonald's, Perth, Australia</b>	<i>Kitchen Crew Memeber (Casual)</i> <b>10/2023 – Present</b>

## PROJECT AND RESEARCH

<b>Starick (<a href="#">Starick</a>)</b>	<b>11/2023 – Present</b>
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A web application (**Typescript + Next.js + TailwindCSS**) aiming to raise funds and awareness for Starick.

- Contributed to frontend and backend development by addressing multiple [open issues](#).
- Implemented a **PayPal component** for donation payments and integrated it into the relevant webpages.
- Integrated **Headless WordPress CMS** with the frontend using WordPress REST API.
- Developed and integrated a web search bar for **internal website search** functionality.

<b>Evaluating Multiple Moving Target Defence in the Time Domain (<a href="#">MTDSimTime</a>)</b>	<b>07/2022 – 06/2023</b>
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A research project on the simulation and evaluation of multiple moving target defence in the time domain.

- Participated in weekly meetings, providing progress reports and engaging in work discussions.
- Utilised the **SimPy** to simulate the interactions of multiple discrete events in the simulated network.
- Employed **Python** based data analysis techniques to process and analyse experimental data

<b>Graphic Social Connection and Analysis of Science</b>	<b>02/2022 – 11/2022</b>
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### **Publishing In Disciplines in Near Real Time ([PubMedConnections](#))**

A web application (**React.js + Flask + Neo4j**) for exploring relationships between authors in the PubMed database.

- Contributed to the composition of project requirement specifications and final documents.
- Utilised **Python Flask** for backend development, implementing efficient and scalable solutions.
- Managed **SwaggerUI** backend API documentation for accurate integration information.
- Integrated backend server with **Neo4j graph database** to enable **CRUD functionality**.

## ADDITIONAL

**Certification:** [AWS Certified Cloud Practitioner](#)

**Languages:** Fluent in English and Mandarin

**Programming Languages:** Python, R, C, Java, HTML, CSS, JS, SQL