

Wenxiao (Wes) Zhang

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

EDUCATION

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

WORK EXPERIENCE

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

PROJECT AND RESEARCH

Starick (Starick)	11/2023 – Present
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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.
- Developed and integrated a web search bar for internal website search functionality.

Evaluating Multiple Moving Target Defence in the Time Domain (MTDSimTime)	07/2022 – 06/2023
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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

Graphic Social Connection and Analysis of Science	02/2022 – 11/2022
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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](#)

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

Languages: Fluent in English and Mandarin