

# Mingyang Wang

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github.com/MingyangWang-Tom | www.wang-portfolio.com

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## EDUCATION

### ***B.S. in Computer Science***

2021 - 2025

Brigham Young University - Hawaii, Laie, HI  
GPA: 3.99.

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## TECHNICAL SKILLS

Programming Languages: Java, Python, C++, SQL, JavaScript, CSS, HTML, C#, React.

Database: Oracle, MySQL, MongoDB.

Tools: Git, Postman, Mendix, Visual Studio, VS code, Docker, Microsoft Azure.

Other skills: Agile Methodologies, ASP.NET, Object-Oriented Programming, RESTful API

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## EXPERIENCE

### ***Lead Software Developer / Analyst***

July 2024 - Present

Enterprise Information System, BYU-Hawaii, Laie, HI

- Achieved 80% faster page loading speeds, 15% lower memory usage, and 65% reduced database storage size, optimizing performance and efficiency for the BYUH Holokai application.
- Designed and built an ID card system integrating AWS, Workday, MySQL, and Oracle, with a Mendix front end and an ASP.NET RESTful API backend, boosting workflow efficiency by 300%.
- Identified and resolved critical security vulnerabilities in 9 applications, implementing SAML SSO for enhanced security.
- Developed, optimized and deployed 10+ RESTful APIs using ASP.NET frameworks.
- Led a team of 7 student developers, conducting code reviews and weekly SCRUM meeting.

### ***Project Manager / Developer Intern***

September 2024 - December 2024

Tech-enABLEd, Accessifiers

- Conducted feasibility analysis to evaluate potential and viability of project.
- Spearheaded weekly SCRUM meetings, removing blockers and streamlining team collaboration.
- Developed and deployed a Learning Management System (LMS) using Tutor OpenEdx and Microsoft Azure.

### ***Software Developer / Analyst I***

February 2023 - June 2024

Enterprise Information System, BYU-Hawaii, Laie, HI

- Delivered an account management web app using Mendix three months ahead of schedule, increasing account creation efficiency for BYUH students and faculty by 200%.
  - Performed routine updates and maintenance for over 10 applications, ensuring optimal performance and reliability.
  - Provided support, technical assistance, and training to end-users on software applications.
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## ACHIEVEMENTS

2024 International Collegiate Programming Contest (ICPC) PacNW Regional Hawaii Division 1 Champion.

BYU-Hawaii Dean's List, Merit Scholarships, and Departmental Honors.

The Honor Society of Phi Kappa Phi.

The Honor Society of Upsilon Pi Epsilon.

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## EXTRACURRICULAR ACTIVITIES

BYU-Hawaii Computer Science Club Vice President. (2023 - 2025).