

Chia Chun Mun | Software Engineer

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I am aspiring software engineer with 3 years of experience in software development. I am interested in pursuing a role where I can learn the best practices and knowledge from industry experts and create an impact with the work I have created.

EDUCATION

National University of Singapore (NUS)

Singapore

- Selected as one of six students from SUTD for an exchange program at NUS School of Computing

Jan 25 to May 25

Zhejiang University

Hangzhou, China

- Master's in business Analytics and Innovation

Sep 24 to Jan 25

UC Berkeley

Berkeley, USA

- Immersive Program in Entrepreneurship

Jan 24 to Aug 24

Singapore University of Technology and Design (SUTD)

Singapore

- Honour's List (Top 10% of the cohort) yearly from 2021-2023
- Computer Science Major with Minor in Artificial Intelligence (AI), Honours
- Master of Science in Technological Entrepreneurship (BSc)
- SUTD Technology Entrepreneurship Programme (STEP) Scholarship
- Date of graduation: May 2026

Sep 21 to Present

WORK EXPERIENCE

Micron Technologies

Singapore

Test Solutions Engineer, Internship

May 25 to Aug 25

- Built a Streamlit dashboard to predict wafer test times, enhancing efficiency in test planning.
- Developed and implemented machine learning models to forecast test durations.
- Automated data preprocessing and analysis using custom scripts to streamline workflows and improve efficiency.

Metabob

San Francisco, USA

Software/Machine Learning Engineer, Internship

May 24 to Aug 24

- Developed a command-line-interface (CLI) tool for clients of Metabob using Click python package.
- Automated data processing workflows to facilitate better data pipelines.
- Developed evaluation metrics to assess the performance and effectiveness of LLM and BERTopic models.
- Evaluated models using NLP Python libraries such as spaCy and scikit-learn.

Maybank

Singapore

Digital Wealth Strategy (Product Management), Internship

Aug 23 to Jan 24

- Automated a 360 Evaluation feedback system to evaluate 50 employees within Maybank.
- Performed mobile-responsive testing of about 400 end-to-end test cases within a week.
- Developed an automated pipeline to generate competitive analysis report comparing operations with six other banks in Singapore from excel datapoints.

PROJECTS/RESEARCH

Square API Hackathon

San Francisco, USA

Bondar for Business

April 24 to May 24

- Developed a mobile-friendly browser wrapper using Next.js to enhance user accessibility and experience.
- Leveraged visual libraries such as Chart.js and Material-UI to effectively present statistical data.

Personal Website

Singapore

Member

Dec 23 to Apr 24

- Developed a REACT.js portfolio website from scratch, utilizing useState hooks, React Icons library, SwiperJS, and CSS3 for dynamic functionality and design.

- 👉: <https://personalwebsite-khaki-phi.vercel.app/>

OSL Fifth-Row Software Application	Singapore
Frontend Developer	May 23 to Aug 23
<ul style="list-style-type: none">Created a centralized form collection platform for school admins using REACT.js that cut form filling times by up to 80 percent.Implemented Selenium automated tests to enhance the efficiency and accuracy of system and unit testing processes.Connected APIs to fetch and display data on the archives page and validated form inputs.	

HungryBees Android Java Mobile Application	Singapore
Member	Feb 23 to May 23
<ul style="list-style-type: none">Developed an android app enhancing group buy systems for SUTD students using android studio.Won 1st Place in Singtel Information Systems & Programming (ISP) awards and most popular project award.	

Samaritans of Singapore (SOS), Human Computer Interaction Project	Singapore
Frontend Developer/Researcher	Oct 22 to Dec 23
<ul style="list-style-type: none">Constructed a system aiding data collection during research utilizing CSS and Flask/Socket.IO.Developed a backend system using Flask and Socket to establish a unified platform for user interaction.Designed and executed experimental observational studies on SOS users to analyze behavioral patterns.	

CO-CURRICULAR ACTIVITIES

Singapore University of Technology and Design (SUTD)	Singapore
Badminton Team, President and Captain	Mar 22 to Feb 23
<ul style="list-style-type: none">Orchestrated and hosted Sports Week’s badminton tournament with over 50 participants.Led a team of 10 in the annual Singapore University Games as Captain.Planned and scheduled targeted training sessions to improve overall team condition.	

Singapore University of Technology and Design (SUTD)	Singapore
SUTD Organization of Autonomous Robotics (SOAR), Secretary	Feb 22 to Feb 23
<ul style="list-style-type: none">Organized Roboclash 2023, an event with over 100 participants and 5 sponsors.Collaborated with multiple senior management departments for event administration planning.Contacted sponsors and coordinated logistics to ensure smooth event management.	

ADDITIONAL INFORMATION

- Programming languages: Java, HTML, CSS, JavaScript, Flask, Python, React