

Caitlin Chiang

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EDUCATION

Singapore University of Technology and Design (SUTD)	Singapore
<ul style="list-style-type: none">Bachelor of Science in Design and Artificial IntelligenceExpected Date of Graduation: April 2025Equipped with software development working experiences and involved in academic research, I have immense passion for problem solving and turning these solutions into fully-functional software platforms	September 2021 - Present

WORK EXPERIENCES

Dashlabs.ai, Software Engineer (Full Time)	Dec 2020 - Dec 2021
Startup accelerated by Y-Combinator (W21) that specializes in medical software	
<ul style="list-style-type: none">Managed a developer team of 6 that programmed all the analytics as a software solution for medical staffCollaborated with the finance and operations team to design thorough analytics for data visualizationDeployed 30+ features that automated medical professionals' workflows and be more time efficientAggregated the various data collected to design charts and dashboards with meaningful correlationsMentored and onboarded new employees regarding the technologies used in the software	
Philippine Red Cross, Software Engineer (Volunteer)	Jun 2020 - Oct 2021
<ul style="list-style-type: none">Deployed features that allowed the Philippine emergency response team to automate their workflowDeveloped testing scripts for the software platform to ensure seamless performance	
Dragonpay Corporation, Software Engineer (Freelancer)	July 2021
Dragonpay is the only payment gateway in the Philippines that allows non-credit card holders to pay via bank	
<ul style="list-style-type: none">Deployed an internal application for the online-screening of the employees during the pandemicDeployed an internal business expense tracking tool that automated the workflow of the finance team	
Freelance Ecommerce Software Developer	Mar 2020 - Jun 2021
Companies Involved: The Rolls Kitchen, The Busy Bee, Soren Apparel	
<ul style="list-style-type: none">Deployed ecommerce systems for purchasing of products (customers) and management of store inventory + payments (administrators)Collaborated with the CEOs to design the user interface of the websiteCommunicated with customers for user experience research in refining the website	

ACADEMIC RESEARCH PROJECTS

Singapore University of Technology and Design (SUTD)	Singapore
Effectiveness of Chat-GPT to Students, Software Developer	Jan 2023 - Present
<ul style="list-style-type: none">Collaborating with the computer science faculty in designing an internal university software platform that allows students across all degree programmes to effectively use Chat-GPT free of charge<ul style="list-style-type: none">Students each have a user account that changes the platform experience based from their needsAdministrators are able to analyze all inputs and behaviors of each student via data visualization, and they can supplement this by creating and sending surveys within the application	

CO-CURRICULAR ACTIVITIES

Women Who Code (WWC)

Philippines

Founder

June 2019 - Jan 2021

- Lead workshops that taught women the basics of robotics, allowing them to further develop their interest
- Curated lesson plans for women who are just starting out in code which helped kick start their careers
- Cultivated a community of women that support each other and a safe space to collaborate

ADDITIONAL INFORMATION

Technical Skills

- Frontend: React JS, Typescript, Vanilla JavaScript, HTML
- Design: CSS, Material UI
- Backend: Node.js + Express.js, Python 3, Django, Flask
- Databases: MySQL, MongoDB, Firebase
- Services: Amazon Web Services, Cloudinary, Netlify, Heroku
- Query Language: Apollo GraphQL
- Tests: Cypress.io
- Git