

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 Intelligence<ul style="list-style-type: none">Minor in Computer ScienceExpected 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

Jublia, Frontend Software Engineer (Intern)	Aug 2023 - Dec Present
Singapore startup that specializes in digital management of various events <ul style="list-style-type: none">Refactor legacy code files and convert them to Vue.js dynamic components	
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 Developer	Jul 2021 - Oct 2021
<ul style="list-style-type: none">Coded features for the application that automated the workflow of the healthcare professionalsDeveloped module-level testing scripts for the software platform to ensure seamless performance	
Dragonpay Corporation, Software Engineer	Jul 2021
Dragonpay is the only payment gateway in the Philippines that allows non-credit card holders to pay via banking <ul style="list-style-type: none">Deployed an internal application for employee health trackingDeployed 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

- Collaborating with the computer science faculty in designing an internal university software platform that allows students to enhance learning via Artificial Intelligence
 - Students each have a user account that changes the platform experience based from their needs
 - Administrators 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: Javascript ES6+, React.js, Typescript, Vue.js, HTML
- Design: CSS, Material UI, Chakra UI
- Backend: Node.js + Express.js, Next.js, Python 3, Django, Flask, Ruby on Rails
- Mobile: React Native
- Databases: MySQL 8.0, PostgreSQL, MongoDB, Firebase
- Services: Amazon Web Services, Google Cloud Platform, Microsoft Azure, Cloudinary, Netlify
- Query Language: Apollo GraphQL
- Tests: Cypress.io
- Hardware: Arduino, Arduino C++, Raspberry Pi 3
- Git