

Caitlin Chiang

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EDUCATION

Singapore University of Technology and Design (SUTD)

Singapore

September 2021 - Present

- Bachelor of Science in Design and Artificial Intelligence
 - Minor in Computer Science
- Expected Date of Graduation: April 2025
- Equipped 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

WORK EXPERIENCES

Dashlabs.ai, Software Engineer (Full Time)

Dec 2020 - Dec 2021

Startup accelerated by Y-Combinator (W21) that specializes in medical software

- Managed a developer team of 6 that programmed all the analytics as a software solution for medical staff
- Collaborated with the finance and operations team to design thorough analytics for data visualization
- Deployed 30+ features that automated medical professionals' workflows and be more time efficient
- Aggregated the various data collected to design charts and dashboards with meaningful correlations
- Mentored and onboarded new employees regarding the technologies used in the software

Philippine Red Cross, Software Developer

Jul 2021 - Oct 2021

- Coded features for the application that automated the workflow of the healthcare professionals
- Developed 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

- Deployed an internal application for employee health tracking
- Deployed 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

- 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 website
- Communicated 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: 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