

Sky Chak

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Profile

Independent and organised student working towards a BFA in Product and Industrial Design, looking for experience in the design industry. Excellent written and verbal communication skills in English, Mandarin, and Cantonese. Looking to develop skills in all areas through work experience.

Experience

TECHNICIAN, 3D LAB / CNC LAB — ONGOING

Part time technician for university 3D print lab and CNC lab. Gained experience working with multiple prototyping methods. Very front facing, constantly working with 10+ teachers and students every day on their own projects and ideas. Developed customer service and communications skills in addition to extensive manufacturing and prototyping skills like operating machinery and CAM setup.

INTERN, PAPERDUCC | ASIA ONE PRINTING — SUMMER 2023

Part of a very small team working to create engineered paper and cardboard products like furniture, exhibition displays, toys, and more. Extensive use of Illustrator, worked on reverse engineering products in CAD and a lot of in-house graphic design elements. Small team and quick project turnarounds fostered skills such as attention to detail, time management, self discipline, and being well-rounded.

INTERN, COCOON ARCHITECTURE — SUMMER 2022

Intern for an award winning architecture firm. Worked on maintaining and updating visual language of website as well as kickstarting 3D print prototyping workflow.

Education

Parsons School of Design — Product Design BFA, **2025**

ISF Academy — IB Bilingual Diploma 40/45, **2021**

Skills

RESEARCH - HUMAN CENTERED DESIGN

Always designing with a research first ideology. Experience in physical HCD like ergonomics and user testing but also visually with UI UX design.

3D DESIGN - CAD & GENERATIVE MODELLING

High level in Autodesk Fusion, Solidworks, Rhino for surface modelling, structural modelling and construction drawings. Also very proficient in Keyshot for photorealistic rendering and animations.

RAPID PROTOTYPING - PHYSICAL & DIGITAL

Experience in paper, foam, and clay physical modelling. Very experienced in digital rapid prototyping such as 3D printing (FDM, SLA), CAM software and 3 axis CNC (Wood, Metal).

ILLUSTRATION - TRADITIONAL, DIGITAL

Experienced in ideation, quick sketching, marker renderings and technical drawing techniques (perspectives, isometric, orthographic & more). Also knowledgeable on digital technical drawing creation.