

Sunny WONG Chun

Design Technology, Robotics and STEAM Learning Support

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PROFESSIONAL PROFILE

Design Technology Technician and incoming **Secondary Robotics ASA Teams Coordinator** with experience supporting middle and high school students in an IB school. Skilled in safe workshop operations, practical learning, CAD and CAM, digital fabrication, robotics, coding and student project development. Collaborative and calm in the classroom, with a strong focus on safeguarding, clear step by step guidance, inclusive support and helping students test, reflect and improve with confidence.

EDUCATION

The University of Hong Kong

Master of Science in Technology, Design and Leadership for Learning (MSc(TDLL))

Sep 2026 - 2028

(Expected & Part-Time)

City University of Hong Kong

Bachelor of Arts and Science in New Media (BAS)

2020 - 2024

University of the Arts London, London UK

Creative Computing Summer School

2023 Summer

Hong Kong Community College (The Hong Kong Polytechnic University)

Associate in Design (Advertising Design) (with Credit)

2018 - 2020

PROFESSIONAL EXPERIENCE

Victoria Shanghai Academy

Design Technology Technician (Full Time)

Aug 2024 - Present

- Support Years 6 to 12 MYP and DP Design lessons by preparing tools, materials, demonstrations and practical learning activities for safe and student centered making.
- Guide students through ideation, CAD and CAM preparation, prototyping, 3D printing, laser cutting, woodworking, electronics, testing, troubleshooting and iterative improvement.
- Provide clear demonstrations, visual examples and individual check ins to support students with different levels of confidence, experience and learning needs.
- Manage daily workshop readiness, equipment inspections, tool organisation, material storage, consumables and safety routines to minimise lesson disruption.
- Support VEX Robotics teams with mechanical design, build quality, programming, drive practice, documentation and competition preparation.
- Collaborate with teachers on lesson delivery, exhibitions, competitions and student showcases, while maintaining positive relationships and professional safeguarding practice.
- Develop digital systems and resources that improve student submission workflows, technical communication and fabrication coordination across the Design department.

Robotics ASA Teams Coordinator (Secondary) (Full Time)

Commencing Aug 2026

- Lead the planning and implementation of the Secondary Robotics ASA programme, including promotion, recruitment, team formation, tryouts, scheduling and year-round development.
- Coach and mentor middle and high school students in engineering design, programming, testing, teamwork, ethical practice and positive sportsmanship.
- Coordinate internal and external coaching, training provision, competition registration, event logistics and student supervision for local and international VEX events.
- Maintain safe robotics workspaces and manage equipment, kits, software, inventory and technical resources.

Elsyung Consulting Limited

Creative Designer (Freelancer)

Mar 2023 - Present

- Create visual communication materials, presentation decks and promotional graphics while coordinating requirements with clients and project teams.

Ocean Park Hong Kong

Exhibit Assistant (Part Time)

Nov 2023 - Apr 2026

- Inspected and maintained educational exhibits, supported research and exhibit enhancement, and helped keep visitor facing content accurate, engaging and operationally reliable.

SELECTED CERTIFICATIONS

Google for Education <i>Google Certified Educator Level 2 and Gemini Certified Educator</i>	<i>Dec 2025 - Dec 2028</i>
OpenAI <i>ChatGPT Foundations for Teachers</i>	<i>Dec 2025</i>
NSPCC CPD <i>Safeguarding for Mental Health and Emotional Wellbeing in Education</i>	<i>Oct 2025</i>
ChildSafeguarding.com <i>Online Child Protection Course</i>	<i>Sep 2024 - Sep 2026</i>
American Heart Association <i>BLS for Healthcare Providers</i>	<i>Nov 2024 - Nov 2026</i>
Arduino <i>Certification on Electronics and Physical Computing</i>	<i>Jan 2026</i>
University of the Arts London <i>Creative AI, Images and Media, Text and Transformations</i>	<i>Feb 2026</i>

SELECTED EXHIBITIONS

Light Trace: Scanned Memories <i>Collect Hong Kong Art Fair 2026, Hong Kong Arts Centre</i>	<i>Mar 2026</i>
Digital Echoes <i>Collect Hong Kong Art Fair 2025, Hong Kong Arts Centre</i>	<i>Mar - Apr 2025</i>
Digital Echoes <i>CityU HK SCM Cameraless Photography Exhibition 2024, The Unseen Realm</i>	<i>2024</i>
Scanned Memories <i>CityU HK School of Creative Media Annual Show</i>	<i>2024</i>

AWARDS & ACTIVITIES

Outstanding Innovation & Creativity Award , AI in Education Competition 2026 (ReadyLoop)	<i>July 2026</i>
City University of Hong Kong, Dean's List	<i>Sem A 2022/23</i>
Hong Kong Community College, Dean's List	<i>Sem 2 2019/20</i>
Venture Scout , Scout Association of Hong Kong	<i>Sep 2016 - Mar 2021</i>
Planned meetings, outdoor activities and camping programmes	

ADDITIONAL EXPERIENCE AND SKILLS

Earlier experience	<i>Digital marketing, project coordination, hospitality, retail operations and customer service with ESG and Green Finance Limited, RHL Surveyors Limited, T Creative Limited, Ocean Park Hong Kong and Hong Kong Disneyland Resort.</i>
Languages	Cantonese (Native), English (Fluent), Mandarin (Fluent)
Technology	Arduino, Raspberry Pi, Micro:bit, Processing, MakeCode, VEX Robotics, basic IoT prototyping
Design and Fabrication	Fusion 360, 3D printing, laser cutting, woodworking, Adobe Photoshop, Illustrator and Premiere
Digital Learning	Google Workspace, educational AI tools, responsible AI practice, workflow automation and learning resource development

SELECTED PROJECTS AND RECOGNITION

DT Fabrication Dashboard	Designed and developed a school based workflow platform for Years 6 to 12 fabrication requests, supporting student submissions, technician review, teacher visibility and operational tracking. The system has supported more than 1,500 requests.
CardBoxGen	Created a browser based SVG generator that helps students rapidly develop laser cut box, tray and card dispenser prototypes while learning about dimensions, fit and fabrication planning.
ReadyLoop: AI Supported IB Design Technology Learning Before Fabrication	Creator and project lead. Developed a safe prefabrication learning and workflow platform with student guidance, revision support, technician, teacher and administrator views, bounded file analysis and a deterministic local coach. Selected as a finalist in the AIREA 2nd International Competition on AI in Education 2026.