

Group List of ELEC/CPEG Students with Final Year Project (FYP)/ Final Year Thesis (FYT) (2025-2026)

(Last updated on 23 Jul 2025)

107 groups (215 students) in total

****Group representative***

Project Code	Student Name	Supervisor (Prof)	Project Title	Communication Tutor (Ms./ Mr.)
AS01a-25	CHAN Wang Shing*	Srivastava Abhishek	Quantum Rod LEDs for Microdisplays used in AR, VR, and MR(FYP)	David
	NG Chun Kai			
	Wong Chak Ming			
CK01a-25	SHENG Dapeng*	Chau Kevin	Digital Conducting Baton for Musical Phrasing Creation(FYP)	Shaneli
	ADHYAKSA Pave Dewa			
	YANG Dongxiao			
CKJ01a-25	JUELS Titan Harold*	Chen Kevin	AI-based Failure Analysis of Next-Generation Power Transistors (FYP)	David
CM01a-25	LO Kai Kit*	Chan Mansun	Action based Game on Mobile Devices for Elderly Training(FYP)	Shaneli
	CHEUNG Tsz Hei			
GLQ01a-25	WANG Joserphine Tsui*	Gao Liuqing	Design and implementation of microwave devices (FYP)	David
	LUI Kin Kin			
JQ01a-25	LUI Ka Kit*	Jianan QU	Development of Mobile healthcare Apps (FYP)	Shaneli
	LEE Hok Him			
	FUNG Lok Yiu			
JQ01b-25	WAN Tsz Ho*	Jianan QU	Development of Mobile healthcare Apps (FYP)	David
	TSE Kei Shun Justin			
JQ02a-25	KIM Tae Wook*	Jianan QU	Biological signals and computer interface (FYP)	Shaneli
	KIM Taeyun			
	KWON jiyeon			
JQ03a-25	WONG Yun Fai Samuel*	Jianan QU	Voice Controlled Smart System (FYP)	David
	WONG Ka Chun			
	CHAN Yin Chak			
JQ03b-25	CHAN Tsz Kin*	Jianan QU	Voice Controlled Smart System (FYP)	Shaneli
	KEI Bruce			
KW01a-25	YEUNG Chun Ming*	Wing Hung KI	Power Management Circuit and System Design (FYP)	David
	LAM Chi Ho			
KW01b-25	CHUNG Ming Chi*	Wing Hung KI	Power Management Circuit and System Design (FYP)	Shaneli
KW01c-25	LEE Donghyun*	Wing Hung KI	Power Management Circuit and System Design (FYP)	David

LH01a-25	WAN Ho Ting Samuel*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	Shaneli
	YU Yat Pan			
	WONG Pak Long			
LH03a-25	CHOI Seungwoo*	Howard LUONG	DESIGN OF RADIO-FREQUENCY INTEGRATED CIRCUITS (FYP)	David
	KIM, Eugene			
LXM01a-25	YANG Shi Long*	Xiaomeng LI	Artificial intelligence methods for reconstructing images from brain activities (FYP)	Shaneli
LXM01b-25	NG Kam Hei*	Xiaomeng LI	Artificial intelligence methods for reconstructing images from brain activities (FYP)	David
	CHEUNG Man Kwan			
LXM03a-25	TSANG Ho Fung Michael*	Xiaomeng LI	Vision-language models for medical report generation (FYP)	Shaneli
	CHIU Shing Hei			
LXM05a-25	CHAN Wai Hang*	Xiaomeng LI	Self-Proposed Project on an AI-based Medical Application (FYP)	David
	HUANG Mingrui			
	KONG Ming San			
LMX06a-25	CHO Sungjun*	Xiaomeng LI	Self-Proposed Project on an AI-based Medical Application(FYT)	Shaneli
LHY01a-25	WONG Sze Ting*	Lin Yen Hung	Bayesian Inference for Understanding Degradation in Perovskite Solar Cells (FYP)	David
MR01a-25	TSANG Tsun Yin*	Ross MURCH	Indoor tracking FMCW steerable radar(FYT)	Shaneli
MR02a-25	CHAN Yik Fei*	Ross MURCH	Centimeter MIMO antenna design for future 6G wireless communication(FYT)	David
MR03a-25	ALI Aminath Malak*	Ross MURCH	Touchless 2D Holographic keypad (FYP)	Shaneli
MS01a-25	CHEUNG Ka Yan*	Scottie MAN	Design of a Low Quiescent Current (IQ) Low-Dropout (LDO) Regulator (FYP)	David
	RAJPREET-SINGH,.			
MS02a-25	CHEUNG Pak Kang*	Scottie MAN	Design of Adaptive Constant On-Time (ACOT) Buck Converter (FYP)	Shaneli
	CHAN Yuk Kin			
MWC01a-25	YIP Chun Ho*	Miao Wenchao	Fault Detection Technique for Photovoltaic Systems Using Machine Learning and Optimization Algorithms (FYP)	David
MWC03a-25	NG Hoi Ying*	Miao Wenchao	Household Energy Consumption App (FYP)	Shaneli
	THAPA Sawami			
	WONG Ka Lam			
MWH01a-25	TAM Pak Yiu*	Wai Ho MOW	AI Tutor for STEM Education(FYP)	David
	LI Zhijian			
MWH02a-25	WONG King Keung*	Wai Ho MOW	AI-assisted human vital sign estimation app using phone camera (FYP)	Shaneli
	FAN Hok Yin			
	CHEN Ying Ying			
	WONG Ching Ming*			

MZ01a-25	TSZ Chak Shing	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	David
	KWOK Chun			
MZ01b-25	CHAN Jun*	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	Shaneli
	NGAI Yi Shun			
	LEUNG Chi Ho			
MZ01c-25	LEE Shing Fan Adam*	Zili MENG	LearningPacer: A Virtual TA for Computer Networks (FYP)	David
	ZHOU Yang			
MZ02a-25	CHAN Hoi Tung*	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	Shaneli
	AU Shun Ning			
	LUI Sin Hang			
MZ02b-25	TAM Siu Ho*	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	David
MZ02c-25	CHAN, Chi Yuen*	Zili MENG	Latency optimization in interactive multimedia streaming (FYP)	Shaneli
	HE Ziyong			
MZ04a-25	HUI Chun Lok*	Zili MENG	Self-proposed projects (FYT)	David
NK01a-25	HO Wai Wong*	Neyts Kristiaan	Patterning liquid crystal alignment to create structured 3D layers(FYP)	Shaneli
NK03a-25	ALKAAS Moa Eva*	Neyts Kristiaan	Estimating Liquid Crystal Properties with Neural Networks (FYP)	David
	JANG Jae Won			
NK03b-25	CHAN Cheuk Cheung*	Neyts Kristiaan	Estimating Liquid Crystal Properties with Neural Networks (FYP)	Shaneli
	LI Leong Ying			
	LAI Yu Ching			
NK04a-25	GONG Lik Man*	Neyts Kristiaan	UV high resolution lithography for optical gratings (FYP)	David
	CHAN Kwan Yui			
PA02a-25	ZHANG Hongyi*	POON Andrew	AI/ML-assisted programmable silicon photonic switches for optical computing (FYP)	Shaneli
PD01a-25	MANABAYEV Zhanibek*	Daniel PALOMAR	Deep Learning for High-Frequency Trading(FYP)	David
	KHAIDAR Orazkhan			
PD02a-25	CHEUNG Chun Xin*	Daniel PALOMAR	Quantitative Modelling for Investment Research (FYP)	Shaneli
PL01a-25	TSOI Yin Cheung*	Pan Ling	Improving Metro Scheduling with Multi-Agent Reinforcement Learning (FYP)	David
	LAU Ka Kit			
	WU Tin Long			
QI01a-25	LI Pak Yin Horace*	Guan Isabel	Design and Implementation of a Dexterous Hand Teleoperation System (FYP)	Shaneli
	HONG Guangbin			
	TANG Sin Yan			

QI02a-25	HO Shao Ping*	Guan Isabel	Process Automation to streamline & integrate metering work processes with systems (Co-op)	David
SK01a-25	ABID Mohammed Sirajul Mostafa*	Sarfraz Khawar	Design of digital and analog circuits for tape-out (FYP)	Shaneli
	TAHMID, Mir Ahnaf			
SK01b-25	HOSSAIN Zarif Al*	Sarfraz Khawar	Design of digital and analog circuits for tape-out (FYP)	David
	KALAM Tayeeb Bin			
SL01a-25	SIU Ming Fung*	Ling SHI	UAV-USV Delivery System for Outer Islands (FYP)	Shaneli
	KO Ka Chun			
	SZE Wing Yu			
SL03a-25	HO Chun Yin*	Ling SHI	Autonomous Indoor Package Delivery System Using Unmanned Ground Vehicle (UGV)m (FYP)	David
	TSUI Chung Lam			
	WONG Kwok Chuen			
SL04a-25	SHIH Chun Yiu*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	Shaneli
	LAM Ka Yu			
SL04b-25	LI Ho Ming*	Ling SHI	Gyrosphere Robot: An AI-Driven Spherical Balancing and Interactive Companion (FYP)	David
	IP Chit Long			
SL05a-25	LIU Hualin*	Ling SHI	Development of Advanced Robotic Arm Systems for Assistive Wheelchair Technology (FYP)	Shaneli
	WU Ziyao			
SQ02a-25	ANTHONY Ryan*	Shao Qiming	Embedded systems for AI hardware (FYP)	David
	DSOUZA Struan Gerard			
	SPORSHO Mashiyat Samin			
	TUMENBAYAR Urtnasan			
SQ03a-25	WING Man Ying Rachel*	Shao Qiming	Virtual mentor for ECE life (FYP)	Shaneli
	CHIU Ching Cheung			
	Ko Chi Yuen			
SQ03b-25	CHEN Liyan*	Shao Qiming	Virtual mentor for ECE life (FYP)	David
	YAO Zexin			
	WANG Xuanhao			
SQ04a-25	LU Yunyang*	Shao Qiming	Efficient Combinatorial Optimization Solver Based on Novel Spintronic Devices (FYT)	Shaneli
SQ05a-25	CHI Ting-hsuan*	Shao Qiming	Robotics Arm System with AI Control Policies (FYP)	David
SS01a-25	OU Farui*	Song Shenghui	Design and Control of an Ultra-High Voltage HASEL Actuator System (FYP)	Shaneli
SS02a-25	ZHANG Ka Ho Eric*	Song Shenghui	AI and NFC Empowered Social Network (FYP)	David
	KWOK Chun Hin			

SSJ01a-25	TONG Zhe*	Shen Shaojie	Fisheye Camera-Based Perception System for Indoor 3D Reconstruction (FYP)	Shaneli
	KUM Cheuk Hang			
SY01a-25	HO Wing Chin*	Shen Yajing	AI-powered Hydrodynamic Sensing and Perception (FYP)	David
	KWOK Tsz Hong King			
SY02a-25	OOI Kylan Wen Qi*	Shen Yajing	AI Algorithm Development and Application of Multi-Point Tactile Sensors (FYP)	Shaneli
SY03a-25	CHEN Weilin*	Shen Yajing	AI-assisted Fast Marker Tracking Algorithm for Vision-based tactile sensors(FYP)	David
SY04a-25	WANG Yi Ki*	Shen Yajing	Tactile Sensor Based Robotic Arm Control(FYP)	Shaneli
	LIN Hongcheng			
SY05a-25	ZHU Quanhao*	Shen Yajing	Shape Memory Polymers (SMP) based Gecko-Like Robot for Climbing in Real Environments (FYP)	David
	ZHANG Gongze			
SY06a-25	LI Yik Sze*	Shen Yajing	Tendon-Driven Hand Exoskeleton for Dexterous Skill Training (FYP)	Shaneli
	Hong Jiarong			
TF03a-25	CHIN Zan Yang*	Tu Fengbin	All-in-one Home Smart Box (FYP)	David
	AGARWAL Pranav			
TF04a-25	YU Yingxuan*	Tu Fengbin	All-in-one Home Smart Box (FYP)	Shaneli
	HE Yat Yin			
	DUAN Ziang Raymond			
TF05a-25	CHAN Lik Han*	Tu Fengbin	Design and Implementation of a RISC-V Processor (FYP)	David
	TAI Hoi Ki			
	CHEN Yan Guang			
TP01a-25	YEUNG Wun Lam*	Tan Ping	Robot Object Grasping and Placement (FYP)	Shaneli
	QIN Zhengyan Lambo			
	YU Yui Cheung			
VL01a-25	CHOI Wai Hing*	Lau Vincent	Self proposed project (FYP)	David
	CHOY Chin Ting			
VL01b-25	YAU Wai Fong*	Lau Vincent	Self proposed project (FYP)	Shaneli
	NG Jacky Ho Wang			
VL03a-25	WAT Wing Huen*	Lau Vincent	Physics Informed Neural Network (FYT)	David
WKT02a-25	LEUNG Ka Long*	Woo Tim	Signal Receiving and Power Distribution Unit (SRPDU) for Electric Vehicle Conversion (FYP)	Shaneli
WKT03a-25	HU Che Wei*	Woo Tim	Robot Box-Based Simulator(FYP)	David
WKT04a-25	CHOW Ip Him*	Woo Tim	Design and Implementation of a True-Color High-Resolution Linear CCD Camera System using an FPGA-Based SoC (FYP)	Shaneli
	LAI Siu Lun			

WKT05a-25	MA Chak Hong*	Woo Tim	Gamification in Education: A Stardew Valley-Inspired Educational Game for Stress-Free Learning (FYP)	David
WKT06a-25	MOK Tsz Ho*	Woo Tim	AI-Driven Facial Expression Analysis for Enhanced decision-making (FYP)	Shaneli
WKT07a-25	TSE Shing Chun*	Woo Tim	Smart Waste Sorting System with Enhanced Material Recognition (FYP)	David
	FUNG Ho Hin			
WKT08a-25	CHAN Sheung Lai*	Woo Tim	Lifelike Robotic Head: AI-Driven Facial Expressions and Communication (FYP)	Shaneli
	WONG Yin Bok			
WKT09a-25	CHEUNG Yan To*	Woo Tim	Light-weight to medium-weight AI application on low power edge device; Text-to-speech, TTS on cloudless edge Cortex-M core device (Co-op)	David
WMH01a-25	TSZ Siu Pong*	Wong Man Hoi	Design and Modeling of Ultrawide-Bandgap Power Electronic Devices (FYP)	Shaneli
	CHAN Tsz Long David			
WMH02a-25	NG Cheuk Hei*	Wong Man Hoi	Chemical-Mechanical Polishing Process for Wafer-Bonded Semiconductor Devices (FYP)	David
XZY01a-25	CHEONG Kar Hang*	Xie Zhiyao	Using Large Language Model (LLM) to Assist Digital Circuit Design (FYP)	Shaneli
	LEE Ka Lok			
	ZHUANG Jinyi			
YH02a-25	CHAN Sze Sen*	Yin Huan	Development of a Multi-Camera Vision-Based Localization System for Tracking Multiple Micro Autonomous Underwater Vehicles (AUVs) (FYP)	David
	XU Borong			
YW01a-25	MA Mang Ki*	Yu Weichuan	Deep Learning for Ultrasound-based Tissue Deformation Analysis (FYP)	Shaneli
	MOK Tsz Lung			
	CHOI Siu Tung			
YX02a-25	LI Yuntong*	Yang Xiong	AI-Enhanced Tactile Dexterity (FYP)	David
	GUO Ruopu			
YYS01a-25	MENG Tianxi*	Yang Yansong	Self-Proposed Projects (FYP)	Shaneli
YYS02a-25	LEE Sze Chun Martin*	Yang Yansong	Self-Proposed Projects (FYP)	David
	IP Ka HO			
YYS03a-25	CHU Siu Wai*	Yang Yansong	Ultrasonic sensing system (FYP)	Shaneli
	CHAN Chi Chiu			
YYS03b-25	JAUHARI Aryan*	Yang Yansong	Ultrasonic sensing system (FYP)	David
	CHAN Chun Hei			
YYS03c-25	WONG Chi Pang*	Yang Yansong	Ultrasonic sensing system (FYP)	Shaneli
	TUNG Haywood			
YYS03d-25	GUO Yuqin*	Yang Yansong	Ultrasonic sensing system (FYP)	David
	LAU Chak Yan			
	SHI Yuchen			

ZJ01a-25	RANGANATHAN Aravindh*	Zhang Jun	Edge AI for healthcare applications (FYP)	Shaneli
	THAKUP Pranjal			
	BISHT Bhavik			
ZJ02a-25	HUANG Zichen*	Zhang Jun	Edge AI for healthcare applications (FYP)	David
	LAU Cheuk Lam			
	YU Tung Chak			
ZJ03a-25	LI Jiajun*	Zhang Jun	Acceleration of deep generative models (FYT)	Shaneli
ZW01a-25	JEONG Sungjun*	Zhang Wei	Acceleration of medical image processing for edge device (FYP)	David
	KIM Semin			
	CHUN Ga Young			
ZW01b-25	MA Hiu Kai*	Zhang Wei	Acceleration of medical image processing for edge device (FYP)	Shaneli
	WONG Oi Sze			
	CHEUNG Ying Yiu			
ZW02a-25	SUN Cheuk Shing*	Zhang Wei	Development of TPU architecture (FYP)	David
	IP Tsz Wai			
ZWJ01a-25	LI Fengtong*	Zhang Weijia	Multi-phase converter (FYP)	Shaneli
	CAI MAO Cheng			
ZWJ01b-25	LIANG Ka Ming*	Zhang Weijia	Multi-phase converter (FYP)	David
	LIAO Yushao			
ZWJ02a-25	CHAN Lok Hei*	Zhang Weijia	Adjustable LDOs (FYP)	Shaneli
	LAM Hiu Man			
ZY01a-25	GU Liming*	Yihan ZHANG	Temperature Sensor Design (FYT)	David
ZY03a-25	CHEUNG Yu Kevin*	Yihan ZHANG	SAR ADC Design (FYP)	Shaneli
	WANG Guangze			
	LO Evan Hong Tik			
ZY04a-25	Li Libo*	Yihan ZHANG	Integral sampling and differential dynamic analysis in the State of Charge (SOC) of lithium battery modules (Co-op)	David