

## EDUCATION

**BSc in Computer Science & Engineering**  
City University of Hong Kong  
• Full Academic Scholarship Recipient (72,000 USD)

**Kowloon Tong, Hong Kong**  
Expected Graduation, June 2026

**International Exchange Semester**  
State University of New York at Stony Brook  
• Exchange Semester Scholarship Recipient (13,430 USD)

**New York, USA**  
Jan 2024 - May 2024

## COURSEWORK HIGHLIGHTS

Cybersecurity Principles • Business Management • Software Design • Object Oriented Programming • Data Structures & Algorithms • Computer Networks • Computer Architecture • Internet Applications Development • Multimodal Interface Design • Problem Solving & Programming • Ethics in AI & IT • Advanced Calculus & Linear Algebra • Discrete Mathematics • Computational Probability Modeling

## WORK EXPERIENCE

**AI & Machine Learning Instructor**  
CampusX  
• Lead hands-on robotics courses teaching autonomous movement, object manipulation, and sensor integration to elementary-age students (6-7 years old)  
• Deliver AI lectures covering ML fundamentals, computer vision, and Python programming to diverse groups of 20-50 students  
• Recognized as a **charismatic instructor** who effectively translates complex technical concepts

**Tsuen Wan, Hong Kong**  
Feb 2025 - Present

**Software Engineering Intern**  
Sharif Shipping Ltd  
• Led frontend redesign using React & Redux, creating real-time dashboard for shipping logistics visualization  
• Initiated weekly knowledge sharing sessions that improved team collaboration across our **Agile 5-person team**  
• Developed automated lead generation system for Turkish client, reducing data processing time by 30%

**Jeddah, Saudi Arabia (Remote)**  
Nov 2024 - Jan 2025

**Data Scientist Intern**  
AI Mnemonics Ltd  
• Built health prediction system using smartwatch data from 1,000+ users, improving tracking accuracy by 25%  
• Upgraded existing model (65% accuracy) to neural network architecture achieving 90% accuracy in blood pressure forecasting  
• Collaborated with frontend team to create visualization components for ML model outputs

**Tsuen Wan, Hong Kong**  
May-August (2024) | July-August (2023)

## TECHNICAL PROJECTS

**AI-Powered PDF Chat Application** (Full-Stack Developer)  
Personal Project  
• Engineered a full-stack application that transforms static PDFs into **interactive AI-chat** experiences, using NextJS & TypeScript  
• Integrated Microsoft Azure OpenAI to enable **contextual conversation** with document contents  
• Engineered an innovative **vector embedding system** using Google Firebase that delivers contextually-precise answers

**Hong Kong**  
Jan 2025 - Feb 2025

**Heart Disease Prediction System** (ML Engineer)  
Personal Project  
• Built ML system achieving 89% accuracy in cardiovascular disease prediction using multiple classifiers  
• Evaluated model performance via cross-validation and ROC/AUC analysis to identify key health indicators  
• Optimized through hyperparameter tuning, improving prediction accuracy by 20% with maintained recall

**Hong Kong**  
Mar 2025 - Apr 2025

## SKILLS & INTERESTS

**Programming** Python • C/C++ • Java • JavaScript • SQL • Assembly • HTML+CSS • TypeScript • Tailwind CSS  
**Technology** Git/Github • AWS/Vercel • Django • ReactJS/NextJS • NodeJS/ExpressJS • TensorFlow/PyTorch • Docker  
**Languages** English (Native) • Bangla (Native) • Hindi (Advanced) • Mandarin (Conversational) • Arabic (Advanced)  
**Interests** Chess (Expert) • Theoretical Physics Books • SciFi/Thriller Films • AAA Gaming • Personal Development

## AWARDS & HONORS

**2024** Dean's List Award from the College of Engineering, Semester-A 2023-2024  
**2023** Cultural Diversity Award for organizing and hosting cultural festivities on campus (15,000 USD)  
**2022** CityU International Talent Award ("Tech-Tiger" for achieving 3 A\*s in International A-Levels + 5 A\* in IGCSEs)