

Chris Kwok

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Summary

Enthusiastic and detail-oriented Computer Science and Mathematics student with a passion for coding that began at age 13. Experienced in building full-stack web applications and conducting data science research. Aspiring to specialize in artificial intelligence, I am eager to contribute to dynamic teams by developing impactful products that enhance user experiences and drive technological advancement. Explore my portfolio of personal projects, including AI models and web apps, at chriskwok.dev/projects.

Experience

Lead Developer, Fukien Secondary School (Siu Sai Wan) May 2025 – June 2025

- Developed a responsive digital program in React.js and Tailwind CSS, ensuring accessibility for all event attendees.
- Engineered a real-time commenting feature using Supabase to significantly increase audience engagement.
- Enhanced the audience experience by embedding exclusive video content unavailable in traditional print programs.

Research Assistant, The Hong Kong Polytechnic University May 2024 – Jan 2025

- Applied a novel regularization method with regression models (Cox) to preprocessed genomic data for survival prediction.
- Generated key visualizations like Kaplan-Meier curves to interpret and communicate model findings.
- Identified mRNA expressions of MIG6 and IGFBP2 as critical prognostic features impacting patient survival.

Education

BEng (Computer Engineering), Hong Kong University of Science and Technology

Expected Graduation: 2029

Skills

Programming Languages: Python, JavaScript

AI/ML Frameworks: PyTorch, Scikit-learn

Tools & Technologies: AWS, GCP, Docker, Git, SQL, RESTful APIs