YAN Yuhang(Henry)

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EDUCATION

The Chinese University of Hong Kong (CUHK) — Sep. 2021 - July 2025 (expected)
Bachelor of Science in Computer Science (CSCI) — Hong Kong SAR, China
- Cumulative GPA: **3.715**/4.000; A member of **S.H. Ho College**
- **ELITE Stream** of Faculty of Engineering; **Data Analytics Stream** in Computer Science
- **Spring semester exchange** to Yuanpei College, Peking University (**PKU**), 2022-23

RESEARCH EXPERIENCE

Efficient Video Analytics — June 2023 - present
Research Assistant to Prof. Eric Chi Lik LO (CUHK) — Hong Kong SAR, China
- Won the **Best Project Award 2023** among 58 undergraduate projects.
- Using computer vision models combined with natural language processing models to quickly extract the location information of target people and objects from a large number of videos.
- The final goal is to provide an accurate and efficient lost-and-found system for Hong Kong Airport.

Traffic Characteristics Analysis of the Network — May 2023 - present
Research Assistant to Prof. Tong YANG (PKU) — Beijing, China
- Based on the high-performance traffic analysis platform built independently and the core traffic data collected, conducting comprehensive and in-depth traffic feature statistics and analysis from the link, traffic and packet level.

ACADEMIC AWARDS AND SCHOLARSHIPS

Dean's List (**Top 10%**) of 2021-22	*Faculty of Engineering*
Best Project Award (**Top 5** of 58 UG Summer Research Internships) in 2023	*Faculty of Engineering*
College Outstanding Student Scholarship (5,000HKD), 2022-23	*S.H. Ho College*
Wu Yee Sun Student Exchange Scholarships (15,000HKD), 2022-23	*S.H. Ho College*
Yasumoto International Exchange Scholarship (5,500HKD), 2022-23 & 2023-24	*CUHK*
Admission Scholarships for Academic Excellence (5,000HKD), 2021-22	*CUHK*
2nd Prize in National Physics Competition for Senior High, 2019-20	*CHN Physics Competition Comm.*
2nd Prize in National Mathematics Competition for Senior High, 2020-21	*Chinese Mathematics Society*

EXTRA-CURRICULUM AWARDS

"Shier Jiao" Cup Mandarin Debate Competition — Apr. 2022
Second place; 12 teams from around Hong Kong — Virtual

"INNO Boyue" Cup Mandarin Debate Competition — July 2022
Third place; 24 teams from around the world — Virtual

Hong Kong Mainland Undergraduate Football League — Apr. 2023
Second place; 9 teams from around Hong Kong — Hong Kong SAR, China

SKILLS

Languages	English (Fluent), Mandarin (Native) and Cantonese (Intermediate).
Progamming	C/C++, Java, JavaScript, MATLAB, Python, SQL and Markdown.
Tools	LaTeX, Anaconda, Git and Linux.