

# 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; Stream in **General Computer Science**
- **Spring semester exchange** to École Polytechnique Fédérale de Lausanne (**EPFL**), 2023-24
- **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** April 2023 - June 2023  
*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*  
Honorable Mention of Mathematical Contest In Modeling (**MCM**), 2022 *COMAP*  
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*  
2<sup>nd</sup> Prize in National Physics Competition for Senior High, 2019-20 *CHN Physics Competition Comm.*  
2<sup>nd</sup> 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** L<sup>A</sup>T<sub>E</sub>X, Anaconda, Git and Linux.

Last updated: October, 2023