

# YAN Yuhang(Henry)

 <https://yany-henry.github.io> |  [yanyuhang2002@link.cuhk.edu.hk](mailto:yanyuhang2002@link.cuhk.edu.hk) |  +86 18945222225

## 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: **3.757**/4.000; A member of **S.H. Ho College**
- **ELITE Stream** of Faculty of Engineering; Stream in **Data Analytics**
- **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

**Evaluation on the Vulnerability of Current Generative Models**

Jan. 2024 - present

*Research Assistant to Prof. Sabine Süsstrunk (EPFL)*

Lausanne, Switzerland

- Investigated potential data leakage in generative models due to their access to extensive training datasets and user inputs, assessing the risk of compromised output.
- Evaluated and enforced fairness in generated content, preventing model output biases.
- Conducted robustness checks against adversarial attacks, validating model resilience by identifying vulnerabilities to deliberate input perturbations aimed at manipulating results.

**Efficient Video Analytics**

June 2023 - Sep. 2023

*Research Assistant to Prof. Eric Chi Lik LO (CUHK)*

Hong Kong SAR, China

- Won the **Best Project Award 2023** among 58 undergraduate projects.
- To design a natural language based lost-and-found system for the Hong Kong Airport.
- Worked on accelerating the process of efficiently analysing multiple long videos using deep learning models and used React to build the front-end for the project.
- Investigated multiple Zero-Shot Object Detection models as well as Nature Language Processing Models. Evaluating the capabilities of different models based on our self-created airport datasets and diverse evaluation criteria.

**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.
- Learned about TCP/IP protocols and DNS packet rules and used Peking University's campus network traffic information as a dataset, resolving IP and domain name mapping relationships from pcap files containing only DNS.

## WORK EXPERIENCE

**AIJobTech**

Oct. 2023 - present

*CTO & Co-founder*

Hong Kong SAR, China

- Engaged in the launch and early-stage funding of an AI-driven job matching startup.
- Implemented AI recommendation systems for job matching and leveraged large language models for resume and personal statement optimization, as well as full-stack development.
- Led the technical team in development and technical details to ensure efficient, high-quality delivery.

## ACADEMIC AWARDS AND SCHOLARSHIPS

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Dean's List ( <b>Top 10%</b> ) of 2021-22	<i>Faculty of Engineering</i>
Best Project Award ( <b>Top 5</b> of 58 UG Summer Research Internships) in 2023	<i>Faculty of Engineering</i>
Honorable Mention of Mathematical Contest In Modeling ( <b>MCM</b> ), 2022	<i>COMAP</i>
College Outstanding Student Scholarship (10,000HKD), 2022-23 & 2023-24	<i>S.H. Ho College</i>
Multiple Exchange Scholarship (32,400HKD), 2022-23 & 2023-24	<i>CUHK</i>
Admission Scholarships for Academic Excellence (5,000HKD), 2021-22	<i>CUHK</i>
2 <sup>nd</sup> Prize in National Physics Competition for Senior High, 2019-20	<i>CHN Physics Competition Comm.</i>
2 <sup>nd</sup> Prize in National Mathematics Competition for Senior High, 2020-21	<i>Chinese Mathematics Society</i>

## EXTRA-CURRICULUM ACTIVITIES

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<b>Oxfam Trailwalker 2023</b>	Nov. 2023
<i>Completed the 100KM MacLehose Trail in a continuous 37h25min.</i>	Hong Kong SAR, China
<b>Hong Kong Mainland Undergraduate Football League</b>	Apr. 2023
<i>Second place; 9 teams from around Hong Kong</i>	Hong Kong SAR, China
<b>“Shier Jiao” Cup Mandarin Debate Competition</b>	Apr. 2022
<i>Second place; 12 teams from around Hong Kong</i>	Virtual
<b>“INNO Boyue” Cup Mandarin Debate Competition</b>	July 2022
<i>Third place; 24 teams from around the world</i>	Virtual

## SKILLS

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<b>Languages</b>	English (Fluent), Mandarin (Native) and Cantonese (Intermediate).
<b>Progamming</b>	C/C++, Java, JavaScript, MATLAB, Python{Pytorch, Tensorflow} and SQL.
<b>Tools</b>	L <sup>A</sup> T <sub>E</sub> X, Anaconda, Git and Linux.