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: **3.757**/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. Evaluateing 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

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 (10,000HKD), 2022-23 & 2023-24   *S.H. Ho College*
Multiple Exchange Scholarship (32,400HKD), 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 ACTIVITIES

Oxfam Trailwalker 2023   Nov. 2023
Completed the 100KM MacLehose Trail in a continuous 37h25min.   Hong Kong SAR, China

"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{Pytorch, Tensorflow} and SQL.
Tools	LaTeX, Anaconda, Git and Linux.