Ian Cheung

Henry M. Gunn High School

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A self-motivated 12th-grade high school student actively pursuing front-end development, data science, and computer programming. Strong organization, problem-solving, and leadership skills

EDUCATION & COURSEWORKS

AP STATISTICS, AP ECONOMICS   *August 2024 – Current*
Henry M. Gunn High School

PRINCIPLES OF DATA SCIENCE   *June 2024 – August 2024*
Stanford Univeresity

AP CHEMISTRY, AP PHYSICS C, AP UNITED STATES HISTORY   *August 2023 – May 2024*
Henry M. Gunn High School

MULTIVARIABLE DIFFERENTIAL & INTEGRAL CALCULUS,   *August 2023 – August 2024*
Stanford Pre-Collegiate University-Level Online Math & Physics

AP COMPUTER SCIENCE A,   *August 2022 – May 2023*
Henry M. Gunn High School

AIOT CODING, ENGINEERING & ENTREPRENEURIAL PROGRAM,   *June 2022 – April 2022*
City University of Hong Kong

AP CALCULUS AB,   *October 2021 – August 2023*
Johns Hopkins Center for Talented Youth

AI PROGRAMMING & ROBOT TRAINING PROGRAM FOR GIFTED STUDENTS   *August 2021*
UCode, Cornell University, Carnegie Mellon University, Fudan University

VOLUNTEER & EXPERIENCE

VICE PRESIDENT OF EDUCATION,   *April 2023 – Current*
BEGINNING PROGRAMMING IN PYTHON INSTRUCTOR,
OpenBrackets
- Provided free coding lessons to middle and high school kids on a weekly basis
- Fully designed a curriculum tailored to young kids to learn and master the basics of Python

CODING CLUB TEACHING ASSISTANT,   *June 2023 – August 2023*
Redwood City Public Library
- Assisted young children in learning coding fundamentals by building and programming robots

CHIEF IT DEVELOPER,   *September 2021 – June 2022*
Library Board, La Salle College, Hong Kong
- Oversaw the school library's technological infrastructure, hardware, and software
- Implemented an automatic check-in system for librarians for higher efficiency

ACHIEVEMENTS & PROJECTS

- **MOST CREATIVE AWARD –** *GunnHacks 9.0*
  - o **RecycleSorter –** a web application that automatically sorts materials based on real-time camera footage and determines if that material is recyclable.
- **BEST PROJECT PRESENTATION AWARD –** *Inspirit AI*
- **MERIT –** *Cisco Innovation Challenge (Hong Kong Regional 2021-22)*
  - o **Automated Registration Management System (ARMS) –** a software project proposal for an automated service to streamline registration for client meetings and attendee management in companies.
- **SECOND RUNNER-UP –** *Digital Readiness Academy Student Hackathon 2021*
- **FORM 2 BEST ALL-ROUND STUDENT AWARD –** *La Salle College, Hong Kong*
- **CTY HIGH HONORS –** *Johns Hopkins CTY 2019-20 Talent Search*

SKILLS

- **LANGUAGES:** *HTML, CSS, JavaScript, Python, Java, Scheme*
- **FRAMEWORKS:** *Bootstrap, discord.py, Node.js, jQuery, React, Pandas, scikit-learn*
- **TOOLS:** *Visual Studio Code, Replit, Google Firebase, Heroku, Github, Google Colab*