

**Ben Akbari** | Chengdu, China

Email: Behnam55@qq.com | WeChat: Ben2China

**Computer Science & Mathematics Educator**

**A-Level, AP & IGCSE Specialist | STEAM & ICT**

**Teaching Experience, Projects & Achievement:**

***https://ben-akb.github.io***

## Skills

- **International Educator:** 8+ years teaching A-Level, IGCSE, and AP Computer Science and Mathematics in Chinese international schools.
- **Technical Proficiency:** Advanced programming in Python, Java, and JavaScript; robust knowledge of Web Development, CAD, and 3D Printing.
- **Emerging Technologies:** Proven track record of developing curricula around AI, Machine Learning, and IoT.
- **Instructional Design:** Skilled in Project-Based Learning, Design Thinking, and delivering scalable Middle School STEAM programs.

## Education

**Postgraduate Certificate in Education (PGCE)**

*Anglia Ruskin University, UK*

**Master of Science (M.Sc.) in Space Technologies**

*Beijing University of Aeronautics and Astronautics*

**Key Achievement:** Core member of the SSS-1 Microsatellite development team.

## Professional Certifications

**Certified in A-Level Computer Science Subject Knowledge**
*BCS, The Chartered Institute for IT (UK-Recognized)*

**TESOL Certification (Teaching English to Speakers of Other Languages)**
*Westminster College London*

## Experience

**Computer Science & Math Educator | King's College Chengdu Dipont |** Chengdu, China (2025 – Present)

- **Curriculum Delivery:** Instruct rigorous Cambridge AS & A-Level Computer Science, AP Computer Science (A & Principles), and advanced Mathematics programs, maintaining high academic standards.
- **Innovation & Extracurriculars:** Design and lead comprehensive STEAM and ICT project initiatives for the Junior School. Direct highly engaging Co-Curricular Activities (CCAs) focused on Engineering, Robotics, and Artificial Intelligence.
- **Pastoral Leadership:** Serve as House Tutor, mentoring students, tracking academic progress, and supporting personal development.

**Head of Student Development & Computer Science Educator | Guangzhou Singaporean School |** Guangzhou, China (2023 – 2025)

- **Departmental Leadership:** Directed the Student Development Department, coordinating school-wide assemblies, advising the Student Council, and driving student engagement and leadership initiatives.
- **Advanced Instruction & Pedagogy:** Taught A-Level & IGCSE Computer Science and Mathematics. Pioneered the integration of modern pedagogical frameworks, including Design Thinking and Project-Based Learning (PBL).
- **Technology Integration:** Developed and delivered specialized courses in Artificial Intelligence (AI), Internet of Things (IoT), and ICT. Managed the school's Computer Club and advanced programming cohorts.

**House Master & Computer Science Teacher | Hongwen Confucius School** | Chengdu, China (2021 – 2023)

- **Pastoral Management:** Acted as House Master and Tutor, overseeing student welfare, behavioral management, and academic tracking for the house community.
- **Full-Spectrum Teaching:** Delivered comprehensive A-Level and IGCSE Computer Science and Mathematics, alongside dedicated Primary and Junior School ICT curricula.
- **Technical Curriculum Development:** Designed and instructed specialized, hands-on modules in Python Programming and full-stack Web Development.

**Head of Technology & Innovation and Science Educator | Everbright School, International Department |** Beijing, China (2018 – 2021)

- **Strategic Leadership:** Spearheaded the school-wide technology strategy and championed Problem-Based Learning (PBL) methodologies across the curriculum.
- **Curriculum Innovation:** Designed and launched hands-on innovation courses, including 3D Printing, applied programming, and foundational technology principles.
- **Multidisciplinary Instruction:** Taught Cambridge A-Level and IGCSE Mathematics, alongside IGCSE Physics, ensuring cross-curricular alignment and robust STEM foundations.

## Awards

Participated in coaching workshops and coached students in extracurricular activities.

Guided students to win top positions in Mathematics and Programming competitions in China.

Served as a Debate and Speech Judge