
Zhaojin Chu

Education

January 2020 –
July 2025

Dubai College
Dubai, UAE
High School Diploma

Test Scores

September 2023

ACT
Composite Score: 35/36

June 2023

GCSEs
9 Grade 9s and 2 Grade 8s – Total of 11 GCSEs
Certificate of Excellence – Pearson High Achiever

Honors and Awards

October 2023

UKMT Senior Mathematical Challenge
Gold Certificate

June 2023

Duke of Edinburgh Silver

March 2023

Intermediate British Physics Olympiad
Gold Award

August 2022

ARSM Piano Diploma
Distinction

May 2021

12th International Music Competition “Citta degli Imperiali”
1st Prize for Piano

Leadership Experience

2023 - Present

Computer Science Academic Enrichment & Top University Preparation (TopUP)
Teacher and Course Organizer at Dubai College
Co-created the Computer Lab at Dubai College

2023 - Present

Computer Hardware Society
Founder and President

2022 - Present

Dubai Computing Community
Marketing Director

2022 - 2023

House of Chichester at Dubai College
Junior House Captain

2022 - 2023

Dubai College Computer Science Society
Head of Year 11

Extracurricular Activities

2022 - Present

Viola
Second Chair Viola in Dubai College Symphony Orchestra
Section Co-Leader in Dubai National Youth Orchestra

2018 - Present

Tennis

2012 - Present

Piano
Associate of the Royal Schools of Music (ARSM)

2022

Expo 2020 Dubai - Hammour House
Soundtrack Composer

Prior Work Experience	December 2023	Cobblestone Energy 2-week Data Analysis and IT Internship
Academic Research	November 2023 – Present	Hardware Acceleration of Convolutional Neural Networks
	November 2023 – Present	The Similarities and Disparities between RISC and CISC Architectures
Volunteer Experience	June 2022 – March 2023	The Old Library Volunteer at The Old Library in Dubai
	November 2021 – February 2022	K9 Friends Worked with foster dogs in a local dog shelter
Summer Programs	July 2023 – August 2023	Centre for Talented Development, Northwestern University 3-week intensive course on CPU Architecture and Engineering
Other Interests	Computer Science Fluency in Python with experiences with C, CSS, HTML, JavaScript, SQL, Flask, TensorFlow, NumPy, VHDL. Experience in computer hardware regarding breadboarding, schematics, logic gates.	
	Music I participate in a variety of different ensembles playing both piano and viola, as well as recitals and performances.	
	Philosophy Learning and exploring philosophy through online resources and books	
	Coffee Interested in all forms of coffee and its production. Self-made coffee enthusiast	
Courses and Qualifications	Google Data Analytics Professional Certificate Completed Courses: <ul style="list-style-type: none"> Foundations: Data, Data, Everywhere Ask Questions to Make Data-Driven Decisions Prepare Data for Exploration 	
	CS50's Introduction to Computer Science Offered by HarvardX, an online learning initiative of Harvard University	
	Introduction to Data Analytics UC Berkeley Extension	
	Introduction to Statistics University of Pittsburgh (Outlier.org)	
	Introduction to Computer Science (Java) University of Pittsburgh (Outlier.org)	
	AI for Everyone: Master the Basics edX – provided by IBM	
Language	Chinese	Native Language
	English	Bilingual Proficiency