

XUHAN HUANG

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EDUCATION

The Chinese University of Hong Kong, Shenzhen

2022.9 - present

Pure Mathematics

CGPA: 3.900/4.000, rank 4 in School of Science and Engineering, rank 1 in Pure Math

Relavant Courses

MGPA: 4.000/4.000

Honours Calculus I(A)

Introduction to Computer Science(A)

Honours Calculus II(A)

Computational Laboratory(A)

Honours Linear Algebra(A)

Courses in Process

Honours Mathematical Analysis

Honours Ordinary Differential Equations

Advanced Linear Algebra

Probability (STA2003)

Introduction to Information Theory (auditing)

ACTIVITIES

Seminar in Elementary Real Analysis

Summer 2023

Joined in Seminar in Elementary Real Analysis and delivered three lectures on continuity, limit and differentiation in \mathbb{R}^N .

SKILLS

Programming with Python, C++ and LaTeX

Python: Got A in both **Introduction to Computer Science** and **Computational Laboratory**

C++: Learned C++ since elementary school and have achieved multiple awards in the National Olympiad in Informatics in Provinces (NOIP) and China Standard Software (CSP-S) competition

Fundamental Analytical and Algebraic Abilities

Got A in **Honours Calculus(I & II)**, **Honours Linear Algebra**

Primary Knowledge of Neural Networks

Strong Self-Learning and Cross-Disciplinary Learning Abilities

AWARDS AND SCHOLARSHIPS

Achievements in National Olympiad in Informatics

Won first prize in the Second Round of the China Standard Software (CSP) Competition 2020, Senior Group *2020*

Won second prize in the National Olympiad in Informatics in Provinces (NOIP) 2020 *2020*

Won first prize in the National Olympiad in Informatics in Provinces (NOIP) in 2017 and 2018, Junior Group *2017, 2018*

Achieved first prize in the first round of the Mathematical Olympiad Competition for two academic years *2020, 2021*

Bowen Scholarship and Half Tuition Scholarship

2022, 2023

Dean's List

2022 - 2023