Ray Zhang

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EXPERIENCE

Orchestral Fellow | Aspen Music Festival | Aspen, CO | June 2023 – August 2023, June 2024 – August 2024

• Received full fellowship covering tuition and housing ($15,000) to study orchestral performance at the Aspen Music Festival

• Performed in Aspen Chamber Symphony concerts, String Showcase, community outreach recitals, and studio class performances

Crewmember | Raising Canes Chicken Fingers | San Antonio, TX | December 2022 – June 2023

• Served customers in a timely manner while handling money, operating deep fryers, and performing deep cleaning during restaurant hours

• Closed restaurant after school on weekdays as part of special night crew from 4pm – 1am

Freelance Viola Teacher | San Antonio, TX | June 2022 – June 2023

• Conducted paid and unpaid lessons over Zoom for middle school students who lacked access to quality music programs at their schools

• Successfully prepared students for regional orchestra auditions at middle school and high school levels

• Led sectionals at school, during class and outside of school hours

High School Tutoring | January 2022 - June 2023

• Organized group practice SATs outside of class for students to prepare for testing day environment

• Organized group practice tests for AP Physics 1 exam

• Tutored students for AP Calculus AB, Calculus BC, Physics 1, Physics C: Mechanics, and Physics C: Electromagnetism exams

EDUCATION

Pursuing B.A. in Data Science, B.M. in Music Performance | Northwestern University | Evanston, IL | September 2023 to June 2027 (expected)

• GPA: 3.98/4.0

• Northwestern Weinberg College of Arts and Sciences Dean’s List in Fall 2023, Winter 2024, Spring 2024

• Recipient of $3,500 grant through Northwestern Summer Internship Grant Program for 2024 Aspen Music Festival

• Recipient of $32,500 Music Merit Scholarship annually from Northwestern Bienen School of Music

LEADERSHIP

Northwestern University Chamber Orchestra | Principal Violist | September 2023 – March 2024

• Led viola section during full orchestra rehearsals

• Coordinated fingerings and bowings with other principal players outside of rehearsal

Evanston Young Artists | Practice Buddy | September 2023 – March 2024

• Conducted “Practice Buddy” sessions with Chicago-area viola students

• Organized performances over Zoom

SIMIODE | SCUDEM VIII 2023 | October 2023

• Worked with 2 team members over the course of a month to create a statistical model of a dog catching various projectiles

• Derived functions from mechanics to produce a probability distribution function

• Programmed Python function to output a final probability based off multiple inputs

• Filmed a 10-minute video presentation summarizing our derivations and final function, received final rating of “Meritorious”

SKILLS & RELEVANT COURSEWORK

Tools: Microsoft Office, RStudio, Google Suite, GitHub

Programming: Proficient in Python and Java; intermediate knowledge of R, HTML, CSS, JavaScript, Windows Command Prompt

Language Skills: Intermediate Conversational Mandarin, Beginner Spanish

Relevant Coursework: Intro to Programming for Data Science; Data Science 1, 2, 3 with Python, Multivariable Differential Calculus, Series and Multiple Integrals, Linear Algebra

Soft Skills: Completed 75 Leetcode “Easy” and “Medium” questions, knowledge of multivariable calculus, linear algebra, statistical significance tests; knowledge of algorithms and data structures; experience with audiovisual editing; quick learner; fast notetaking and typing