Jasmine Shi

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EDUCATION

Carnegie Mellon University Pittsburgh, PA   May 2027
Bachelor of Science in Chemistry
GPA: 4.0
Relevant Coursework: Principles of Imperative Computation, Information Systems Milieux
Shanghai United International School Gubei Campus, Shanghai, China   June 2023
Extracurricular Activities: Judo, Ba Duan Jin Qigong, Chemistry Competition

RESEARCH EXPERIENCE

Food Engineering, Nutrition and Biochemistry (FENBC)   Shanghai, China
Researcher   June – Sept 2022
- Composed an adequate research paper focused on nitrite toxicity that was published as the first author on FENBC 2023
- Spent 80h accumulatively on researching and independent writing 7-page research, analyzing the metabolism and health effects of nitrile, and work was accepted by FENBC

PROJECT EXPERIENCE

Carnegie Mellon University, Fundamentals of Programming and Computer Science (15-112)
Game Developer: Slime Valley
- Developed using VSCode for 70h, applied complex algorithm to produce an interactive game
- Inspired by Stardew Valley on Steam, implemented effective UI, and all elements are original pixel-style art, and was selected for Term Project Showcase at 15112 Fall 2023

LEADERSHIP EXPERIENCE

WeChat Official Account
Initiator & Operator of Official Account: Coldemistry
- Composed and published original articles, designed & produced original club souvenirs
- Spend 6 hours weekly exploring chemical theories in daily to popularize scientific knowledge

Chemistry Competition
Project Lead
- Promoted the club in preparation for the UK Chemistry Olympiad competition led the club in achieving two golds and four silvers (combine)
- Guided or advised 11 members through difficult chemistry concepts and questions
- Arranged weekly seminars to practice and discuss past papers; boosted members' confidence with constant encouragement and experience sharing

SKILLS

Computer: Python, c, HTML5
Art: Souvenir Design, Poster, UI Design, Basic Sculpture
Analytical Techniques: Chromatography, Spectroscopy and Mass spectrometry