

Danyang Li

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EDUCATION

University of Maryland, College Park (UMD)

Bachelor in Letters and Sciences, Transferred from BNBU

- Cumulative GPA: 3.94/4.00

College Park, MD

August 2024 - Present

Beijing Normal-Hong Kong Baptist University (BNBU)

Majored in Computer Science and Technology

- Cumulative GPA: 3.89/4.00

Zhuhai, China

September 2022 - June 2024

- Relevant Coursework: Calculus for Science and Engineering, Linear Algebra, Discrete Structures, Probability and Statistics (R), Foundations of C Programming, Object-Oriented Programming (Java), Systems and Web Development Workshop, Computer Organisation, Data Structures and Algorithms (Java), Database Management Systems, Data Communications and Networking, Data Programming Workshop (Python), Design and Analysis of Algorithms (C), Operating Systems

PROJECT EXPERIENCE

Image Optimizer

Group11 Leader

- Developed a normalization strategy to quantize image features for extraction and modification by using Numpy and Pandas
- Revised the updateability of the parser and assembled all functions into a main interface using customtkinter and subprocess
- Managed project pipeline, task distribution, and unified git submission procedures for the team

Data Programming Workshop

May 2024

Sea Jumping Detection

CV Learning Group Member

- Participated in the classes design and annotated images for the dataset via Roboflow
- Responsible for implementing and optimizing the detection model based on YOLOv8

BNBU Innovation Centre

January 2024

Scholar Data Mining

CST Team Member

- Developed fast and updateable Python parsers to collect scholar data and publications from open-source websites
- Optimized parser efficiency by multi-threading and developed a robust hierarchal exception handling strategy for success rate
- Participated in the design and implementation of the methodologies for merging duplicate scholar data

Prof. Weifeng Su

Summer 2023

WORK EXPERIENCE

BNBU Math Zone

Custodian & Guide

- Managed biweekly operations of the Math Zone, including opening and closing procedures, maintenance, and reception duties

BNBU Innovation Center

March 2024 - June 2024

U-Learning Tutoring Club

One-On-One Tutor

- Responsible for assisting peers in English for Academic Purposes I and Object-Oriented Programming

BNBU Personal Growth and Counseling Center

November 2023 - May 2024

VOLUNTARY SERVICE

AIDS Prevention Lecture in Zhuhai Jinfeng Middle School

Lecturer

- Managed and co-hosted the 'Open Your Eyes' section: developed and presented educational content and slides on basic AIDS/HIV knowledge, covering transmission, detection, and prevention

BNBU Education Foundation

November 2023

International Student Orientation

International Roommate Program Participant

- Assisted 2023 Fall international students with pre-arrival instructions, campus orientation, and settlement

BNBU International Development Office

May 2023

Guangdong-Hong Kong-Macao Greater Bay Area Mathematics Education Forum

Teaching Assistant

- Organized math outreach booths at the college Math Zone, directed primary school students to classrooms, and supported their hands-on math lessons

BNBU Innovation Centre

May 2023

HONORS & AWARDS

- BNBU First Class Award, 2022-2023 Academic Year
- Third-Place Prize, Guangdong C/C++ Programming University Group B, The 14th Blue Bridge Cup National Software and Information Technology Professional Competition

December 2023

April 2023

SKILLS

- Computer Language:** Java, Python, C/C++, R
- Web Development:** Built websites with HTML/JS/PHP/Flask & MySQL/MongoDB, deployed on Alibaba Cloud
- Multimedia Editing:** Skilled in Adobe Photoshop, Premiere Pro, and Audition