Abel Lu

609 Halcyon Meadow Dr • Cary, NC 27519 • aluprof4@gmail.com • 269-501-7211

LinkedIn: https://www.linkedin.com/in/aluprof4 GitHub: https://www.github.com/azn-abel

EDUCATION

NORTH CAROLINA STATE UNIVERSITY　　　　　　　　　　　Raleigh, North Carolina
Engineering First-Year: Computer Science Intent　　　　　　　　　　　Aug 2022 - Present
GPA: 4.000
- Fall 2022 Semester Dean's List

GREEN HOPE HIGH SCHOOL　　　　　　　　　　　　　　Cary, North Carolina
Unweighted GPA: 4.000　　　　　　　　　　　　　　　　　　Aug 2018 - Jun 2022
Cybersecurity Club Officer - Cisco Networking Specialist

EXPERIENCE

GREEN HOPE HIGH SCHOOL DRUMLINE　　　　　　　　　Cary, North Carolina
Drumline Instructor　　　　　　　　　　　　　　　　　　Feb 2023 - Present
- Oversee and conduct drumline warmup routines and rehearsals
- Provide feedback to members to foster their improvement musically and visually
- Coordinate logistics on performance days to ensure a smooth performance

BAPU TEAHOUSE LLC　　　　　　　　　　　　　　　Raleigh, North Carolina
Cashier and Barista　　　　　　　　　　　　　　　　　　Apr 2022 - Present
- Train new hires to ensure a smooth transition into the workplace
- Greet customers, process cash and credit orders, prepare food and drinks

ROBOTICS FOR ALL　　　　　　　　　　　　　　　　　Remote Position
Teacher Coordinator, Lead Instructor　　　　　　　　　　　Nov 2020 - Nov 2021
- Oversaw the performance of lead instructors and teaching assistants
- Instructed and graded classes of 10+ students in Scratch and Python programming
- Delegated class demonstrations to assistants to increase their comfort as teachers

CISCO　　　　　　　　　　　　　　　　　　　　　Raleigh, North Carolina
Cisco High Summer Extern　　　　　　　　　　　　　　　Jun 2021 - Jul 2021
- Designed a mobile app solution to improve medication delivery in retirement homes
- Identified relevant statistics and potential implementations to demonstrate the importance and feasibility of an app-based solution
- Collaborated with a team of twelve to ensure a smooth presentation to Cisco employees

ACTIVITIES

NORTH CAROLINA STATE UNIVERSITY DRUMLINE　　　Raleigh, North Carolina
Snare Line Member　　　　　　　　　　　　　　　　　　Aug 2022 - Present
- Prepared and auditioned for membership and placement on Snare Line
- Rehearse 7+ hours weekly to prepare ensemble music
- Perform at various sporting and charity events

PROFESSIONAL CERTIFICATES

Certified Entry-Level Python Programmer　　　**Introduction to Programming Using Python**
Cisco Networking Academy, Python Institute　　　*Microsoft Learn*

SKILLS & INTERESTS

Technical: Python, PostgreSQL, Java, C#, HTML and CSS, Cisco Packet Tracer
Languages: English, Mandarin
Interests: Marching Arts, Basketball, Animated Shows, Cooking