

Abel Lu

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EDUCATION

NORTH CAROLINA STATE UNIVERSITY

Engineering First-Year: Computer Science Intent
GPA: 4.000

Raleigh, North Carolina
Aug 2022 - Present

- Fall 2022 Semester Dean's List
- Engineering Village

GREEN HOPE HIGH SCHOOL

GPA: 4.000
Cybersecurity Club Officer - Cisco Networking Specialist

Cary, North Carolina
Aug 2018 - Jun 2022

EXPERIENCE

LOWE'S COMPANIES, INC.

Software Engineer Intern

Charlotte, North Carolina
May 2023 - Aug 2023

- Train in Lowe's tech stack: Python, Java, HTML/CSS, SQL and JavaScript
- Collaborate in an Agile development team with 11 fellow interns
- Receive mentorship from senior and staff level Lowe's tech employees

GREEN HOPE HIGH SCHOOL DRUMLINE

Drumline Instructor

Cary, North Carolina
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

ROBOTICS FOR ALL

Teacher Coordinator, Lead Instructor

Remote Position
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

Cisco High Summer Extern

Raleigh, North Carolina
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

Snare Line Member

Raleigh, North Carolina
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

Cisco Networking Academy, Python Institute

Introduction to Programming Using Python

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