

## Abel Lu

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### EDUCATION

#### NORTH CAROLINA STATE UNIVERSITY

Engineering First-Year Student: Computer Science Intent  
GPA: 4.000

Raleigh, North Carolina  
Aug 2022 - Present

- Fall 2022 Semester Dean's List

#### GREEN HOPE HIGH SCHOOL

Junior Marshal - Top 5% of Class  
Unweighted GPA: 4.000  
US CyberPatriot Competitor - Cisco Networking Specialist

Cary, North Carolina  
Aug 2018 - Jun 2022

### EXPERIENCE

#### BAPU TEAHOUSE LLC

##### *Cashier and Barista*

Raleigh, North Carolina  
Apr 2022 - Present

- Work 10-20 hours per week
- 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

##### *Teacher Coordinator, Lead Instructor*

Remote Position  
Nov 2020 - Nov 2021

- Oversaw the performance of lead instructors and teaching assistants
- Supervised class sessions to ensure quality instruction
- 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

- Proposed and designed a mobile app solution to streamline the delivery of medication 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 members to ensure a smooth production and presentation to Cisco employees

### HONORS & 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 5+ hours weekly to prepare ensemble music
- Perform at various sporting and charity events

### PROFESSIONAL CERTIFICATES

**PCEP: Certified Entry-Level Python Programmer**  
*Python Institute - PCEP Certification*

**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