

# Eric Shi

• 2019653253 • ericshi99@gmail.com • Teaneck,NJ • Linkin

## SUMMARY

Information Technology student at NJIT with strong skills in networking, IT infrastructure, and programming. Experienced in configuring and troubleshooting networks, setting up routers and switches. Proficient in hardware setup, cable management, and network optimization using VLANs, subnetting, OSPF, and EIGRP. Consistently achieving Dean’s List honors.

## EDUCATION

<b>NJIT - Ying Wu College of Computing</b>	Sep 2023 - Present
<b>B.S. in Information Technology</b>	Newark, NJ
<ul style="list-style-type: none"><li>Cumulative GPA: 3.8/4.0</li><li>Relevant Coursework:<ul style="list-style-type: none"><li>Wireless Networks   Cloud Administration   Intro to Website Development</li><li>Computer Systems and Networks   Introduction to Computer Science I &amp; II</li></ul></li></ul>	

## ACADEMIC PROJECTS

### Chatroom

- Developed a multi-client chatroom application with real-time communication, breakout rooms, and message relay across rooms.
- Implemented user commands like /roll, /flip, private messaging (@username), and text formatting (bold, italics, color).
- Integrated mute/unmute functionality, session export, and persistent mute lists, ensuring smooth user interactions across sessions.

### Network Simulation & Configuration Using Cisco Packet Tracer

- Configured and deployed physical routers, switches, and end devices to build functional networks.
- Implemented VLANs, subnetting, OSPF, and EIGRP for optimized network performance.
- Conducted troubleshooting of hardware and network issues, including cable testing, port configuration, and firewall settings.

## KEY SKILLS

### Networking & IT Skills:

- Network Configuration (Physical & Virtual)
- HTML CSS
- Router & Switch Setup (Cisco, Physical & Packet Tracer)
- VLANs, Subnetting, OSPF, EIGRP
- IP Addressing & DHCP Configuration
- Network Troubleshooting & Security

## TECHNICAL SKILLS

### Hardware & Infrastructure

- Cisco Packet Tracer & Physical Networking Equipment
- Hardware Setup & Cable Management
- Firewall & Port Configuration
- Lab Equipment Maintenance & Organization
- Problem-Solving & Troubleshooting

**Programming Languages:** Python, Java, JavaScript, C++, HTML & CSS

## VOLUNTEER EXPERIENCE

### Lab Assistant & Organizer

- NJIT | Sep 2024 – Present
- Assist in setting up and configuring physical routers, switches, and networking devices for lab sessions
  - Maintain and organize lab equipment, ensuring proper cable management and device functionality
  - Provide support to students during lab exercises, answering questions and clarifying concepts
  - Maintain a structured and orderly lab environment to enhance learning experiences

## HONORS & AWARDS

- Dean's List | Sep 2023 – Present