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## Allen Liu

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## EDUCATION

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**Purdue University** - Bachelors of Science (August 2021 - May 2025)

*Cybersecurity, Networking Engineering Technology, Accounting (Minor)*

## PERSONAL SKILLS

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Languages: **Java**, **Javascript**, **Bash scripting**, **.NET**, **HTML**, **Angular.js**, and **SQL**.

Development Environments: **Eclipse**, **VSCode**, **Android Studio**, **Git**, **Node.js**, and **Godot**.

Systems: **Windows Server**, **Debian-based**, **RHEL-based**, and **pfsense** system administration.

Servers: **Active Directory**, **IIS**, **apache2**, **vsftpd**, **MySQL**, **timed**, and **bind** server administration.

Networks: **DHCP**, **RIP**, **NAT**, **MSTP**, **OSPF**, and **firewall** administration.

Hardware Internals: **Lenovo**, **Dell**, **Acer**, **Chromebook**, and **Cisco** device repair and maintenance.

## PROFESSIONAL AND PERSONAL EXPERIENCE

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**ChocZero** - IT Intern (June 2024 - July 2024)

- Handle safety and security regarding data and personnel management.
- Train employees on responding to threats and emergencies.

**Purdue University** - Teaching Assistant/Grader (August 2022 - May 2024)

*Classes: Cybersecurity Fundamentals, Information Technology Architectures*

- Explain and clarify data structures, CPU architecture, diagnostic tools, etc. as appropriate.
- Navigate students through usage and understanding of Linux systems and tools.

**Raspberry Pi Wireless Access Point and Firewall**

- Configure Raspberry Pi as a network-level access point.
- Configure network traffic and routing rules to block malicious traffic.

**SQL Password Manager**

- Create and manage SQL databases storing encrypted password information.
- Implement hashing and encryption in order to manage and configure secrecy.

## CERTIFICATIONS

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**CompTIA** - Security+ (June 2023)

**Google Cloud** - Cloud Digital Leader (June 2023), Associate Cloud Engineer (June 2023)