

Jayden Koh

Houston, TX

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OBJECTIVE

Computer Science student at Texas A&M seeking a Co-Op from 2024 to 2025 in cybersecurity and software.

EDUCATION

Texas A&M University

- Bachelor of Science in Computer Science
- GPA: 3.92

College Station, TX
Aug 2023 – Jun 2027

Michael E. DeBakey High School

- GPA: 4.49
- Honors: Graduated with Distinction (Top 6%)

Houston, TX
Aug 2019 – Jun 2023

WORK EXPERIENCE

Cambridge, MA

MIT Intern

Jun 2023 – present

- Composed course material for and instructed 40 high school students with BeaverWorks and MITRE.
- Guided 15 labs on binary exploitation, cryptography, Git, hardware hacking, and embedded systems.
- Directed 8 teams in designing a cybersecurity-focused remote firmware service on adversarial networks.

Salem, NH

idekCTF Director

Mar 2020 – present

- Established an internationally competitive cybersecurity team winning over \$8,000 from prizes.
- Initiated and hosted an annual cybersecurity CTF tournament starting from 2021, “idekCTF”.
- Organized sponsorships and custom merchandise for team funding and publicity.

COMMUNITY SERVICE

Houston Zoo

Zoo Crew Representative

Jun 2021 – Aug 2021

- Guided tours for guests to create emotional connections between the 5,000 daily visitors and 6,000+ animals in the second most visited zoo in America.
- Raised awareness about animal protection and environmental preservation for 160 hours.

EXTRACURRICULAR ACTIVITIES

CTF Community

CTF Organizer & Player

May 2022 – present

- Coordinated and authored for idekCTF, Osu!Gaming CTF, and Digital Overdose CTF.
- Competed in CSAW CTF Finals, PicoCTF, UIUCTF, redpwnCTF, HSCTF, and others.
- Developed and solved cryptography, digital forensics, binary exploit, and malware reversing challenges.

DeBakey High School Robotics

Lead Software Engineer

Aug 2021 – Jun 2023

- Developed software for a competitive robot with an adaptable feedback control system.
- Competed at the international competition for finalists at VEX Worlds in Dallas, Texas.

PROFESSIONAL CERTIFICATES

Practical Network Penetration Tester (PNPT)

Offensive Security Certified Professional (OSCP)

Online Course – *TCM Security*

Online Course – *Offensive Security*

In progress, expected Summer 2024

In progress, expected Fall 2024

TECHNICAL SKILLS

Proficient: Embedded architecture in x86 Assembly, Networking in Linux, and Object-oriented programming in Python.

Knowledgeable: Active Directory on Windows, Bash on Linux, Web exploitation in JavaScript, Android applications in Java, and Malware analysis in C.