

# Jayden Koh

Houston, TX

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## OBJECTIVE

Computer Engineering student at Texas A&M seeking an internship and scholarships.

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## EDUCATION

### Texas A&M University

Bachelor of Science in Computer Engineering

GPA: 3.92

College Station, TX

Aug 2023 - Jun 2027

### Michael E. DeBakey High School

GPA: 4.49

Houston, TX

Aug 2019 - Jun 2023

Honors: Graduated with Distinction (Top 6%)

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## WORK EXPERIENCE

Cambridge, MA

*MIT Intern*

Jun 2023 – present

- Composed course material for and instructed 40 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 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.

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## 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.

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## 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 binary reversing challenges.

DeBakey High School Robotics

*Lead Software Engineer*

Aug 2021 – Jun 2023

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

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## TECHNICAL SKILLS

Familiar: Embedded architecture in x86 Assembly, Control systems in C++, Malware analysis in C, Networking in Linux, and Object-oriented programming in Python.

Knowledgeable: Active Directory in Windows, TensorFlow in Python, Bash on Shell, Web exploitation in JavaScript, Android applications in Java, and Databases in SQL.