ANISH SUBASH

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SUMMARY

Computer Science student specializing in Cybersecurity with a 4.0 GPA, hands-on experience in research, teaching, ethical hacking, and full-stack development. Strong foundation in algorithms, AI, and secure communication protocols. Member of ASU Hacking Club and Shellphish CTF team with 10+ competitions. Seeking internships in cybersecurity, AI security, or software engineering.

EDUCATION

B.S., Computer Science (Cybersecurity) Graduating May 2027
Arizona State University, Tempe, AZ 4.0/4.0 GPA
Ira A. Fulton Schools of Engineering
Relevant coursework: Information Assurance, Applied Linear Algebra, Statistics and Probability, Grand Challenge Scholars Program, Entrepreneurship and Value Creation

TECHNICAL SKILLS

Programming: Python, Java, JavaScript, bash, Prolog, Scheme, C#, SQL, MIPS Assembly, HTML
Frameworks, OS & Tools: React, PostgreSQL, WebSockets, Git, Github, Windows, MacOS, Linux/Unix, Node.js
Cybersecurity: Secure messaging, Diffie-Hellman Key Exchange, penetration testing, awareness training, Ethical Hacking certification
AI/ML: PyTorch, TensorFlow, model fine-tuning (incl. 1B-parameter LLM), training pipelines, performance optimization
Problem Solving: 250+ LeetCode problems solved (algorithms & data structures)
Leadership & Communication: Undergraduate TA, Coding club president (High school), public speaking

PROFESSIONAL EXPERIENCE

Arizona State University, Tempe, AZ: Undergraduate Teaching Assistant (UGTA), FSE 150: Grand Challenges for Engineering Aug 2025 – Present
- Mentor 20+ students weekly on engineering problem-solving and teamwork.
- Assisted professors in designing course content and classroom engagement.
- Delivered personalized feedback that improved student project outcomes.

Digisafe, Bangalore, India: Program Coordinator (Cybersecurity) Apr 2023 – May 2023
- Conducted interactive hack demonstrations to diverse audiences, raising awareness of emerging threats.
- Produced a professional cybersecurity training video, integrated into corporate programs used by 500+ employees.

PERSUE Labs, Tempe, AZ: Undergraduate Researcher January 2025 – Present
- Conducting research on Zoom applications to identify data leakage vulnerabilities.
- Collaborating with faculty and lab peers on secure communication tools.

PROJECTS

Embedded AI Siren Detector 2025
- Trained a 800k-parameter model in TensorFlow and used its outputs to train another DSCNN 30k-parameter model from scratch
- Achieved **99.97% accuracy** on real-world siren detection benchmarks
- Deployed the compact model onto a custom PCB for real-time, low-power edge inference

Nebulo — Full-Stack Social Platform 2025
- Developed secure platform with authentication, DHKE, encrypted chat
- Built project postings and real-time collaboration (React, PostgreSQL, WebSockets)
- Differentiated from GitHub/Fiverr with student-driven research postings

LEADERSHIP & ACTIVITIES

ASU Hacking Club & Shellphish CTF Team
Active member; competed in 10+ national and international Capture-the-Flag competitions.