Thomas Weis

740-641-7054 ● thomasweis27@gmail.com ● Chicago, IL 60613
www.linkedin.com/in/ThomasMWeis • www.github.com/thomasweis27/cybersecurity

Cybersecurity Consultant and Assessor

Cybersecurity Associate with hands-on experience in penetration testing, threat analysis, and risk assessments, certified in CMMC CCP, CompTIA Security+, and ISC2 CC. Skilled in applying NIST and CMMC frameworks to evaluate and strengthen security controls across healthcare and government sectors. Technically proficient in Python, Java, Linux (Kali, Ubuntu), and web technologies, with practical exposure to vulnerability identification, audit reporting, and secure system deployment. Experienced in communicating findings to stakeholders and translating technical data into actionable security improvements. Passionate about threat detection, incident response, and advancing cybersecurity maturity through continuous learning and technical mentorship.

Technology Competencies	Leadership Competencies
• Programming: Python • Java • HTML • CSS	• Teaching and Mentoring
• Linux Systems: Kali • Ubuntu	• Governance and Risk Management
• Robotics: Android App Development • Design & Build • Community Outreach • Fundraising	• Information Security Assessment
	• Business Communication and Crisis Management

PROFESSIONAL EXPERIENCE

KODIAK SOLUTIONS • Chicago, IL (August 2024 – Present)

Internal Audit Operational Associate

Support cybersecurity audits and assessments for healthcare clients by applying NIST and CMMC frameworks to identify vulnerabilities and improve compliance posture.

- Executed penetration tests using automated and manual techniques to uncover exploitable vulnerabilities.
- Mapped client environments to HIPAA, NIST 800-171, and CMMC controls, identifying gaps in access control, incident response, and system integrity.
- Drafted technical findings and risk ratings for audit reports, contributing to remediation planning and client presentations.
- Participated in control walkthroughs and evidence collection for DFARS and HIPAA compliance reviews.

ID TECH • Denver CO., L.A. & San Francisco, CA, & Remote (May 2022 – May 2024)

Year-Round Instructor (September 2022 – May 2024)
Lead Instructor (Seasonal) (May 2022 – August 2022)

Delivered technical instruction in cybersecurity, ethical hacking, AI development, secure coding programming, and robotics, developing hands-on labs and mentoring students in secure coding and ethical hacking concepts.

- Developed and led interactive labs simulating password cracking, basic network scanning, and secure coding practices while teaching introductory concepts to middle and high school aged students.
- Taught Python, C++, JavaScript, CSS, and HTML with a focus on cybersecurity principles like input validation, encryption, and authentication.
- Created custom lesson plans aligned with real-world cybersecurity scenarios and student skill levels.
- Selected as one of ten employees to teach AI and programming workshops at Amazon HQs in California.

CROWE HEALTHCARE RISK CONSULTING LLC • Chicago, IL (June 2023 – August 2023)

Digital Security Healthcare Intern

Assisted in penetration testing and risk assessments for healthcare systems, contributing to audit deliverables and compliance efforts under HIPAA and NIST guidelines.

- Conducted vulnerability scans and manual testing of healthcare systems to identify misconfigurations and insecure protocols.
- Assisted in mapping findings to NIST 800-53 and HIPAA Security Rule requirements.
- Collaborated with senior consultants to prepare client-facing reports and remediation strategies.
- Participated in client meetings to explain technical risks and support compliance planning.

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STADTWERKE LUTHERSTDT WITTENBERG • Wittenberg, Germany (April 2022)

Information Technology Intern

Supported IT operations and security initiatives by configuring mobile systems and assisting in secure software deployment for municipal infrastructure.

- Configured and deployed secure mobile workstations for staff, ensuring encryption and access control policies were enforced.
- Assisted in software testing and troubleshooting for operational efficiency and data protection.
- Documented system configurations and contributed to internal IT knowledge base.
- Supported community-focused digital initiatives through technical setup and user support.

WITTENBERG PLASMA LABORTORIES • Springfield, OH (May 2021 – November 2021)

Dusty Plasma Physics Research Internship

Conducted independent research on plasma systems for NASA/DoD-funded projects, integrating technical design and data analysis to support experimental outcomes.

- Designed and built a vacuum chamber for dusty plasma experiments, integrating sensors and control systems.
- Collected and analyzed data using Python and MATLAB to model plasma behavior under varying conditions.
- Presented findings at the APS-DPP conference, demonstrating technical communication and research methodology.
- Maintained lab documentation and safety protocols for federally funded research.

PROFESSIONAL CERTIFICATIONS

- CMMC CCP – CMMC Certified Professional
- CompTIA Security+
- ISC2 CC – Certified in Cybersecurity

EDUCATION

Bachelor of Arts in Computer Science with a Concentration in Cybersecurity
Bachelor of Arts in Music Performance
Wittenberg University, Springfield, OH

MENTORSHIP & VOLENTEERING EXPERIENCE

SINGING HILL FARM WEBSITE DEVELOPMENT • (April 2025 – Present)

- Built and launched https://singinghillfarm.com using HTML, CSS, and JavaScript, ensuring responsive design across devices.
- Implemented basic security measures including HTTPS, input validation, and secure contact forms.
- Collaborated directly with the farm owner to define site architecture, user experience, and content strategy.
- Provided ongoing maintenance and updates, including SEO optimization and performance tuning.

FIRST TECH CHALLENGE • (May 2019 – Present)

- Established a robotics team in collaboration with *The Works*, a local science museum.
- Sought and received local funding and sponsorship through community outreach and robotics demonstrations.
- I taught designing, building, 3D printing, STEM, and programming skills to middle and high school students.
- Attends virtual meetings and local competitions guiding past robotics experience.

FIRST LEGO LEAGUE • (2013 – Present)

- Frequent volunteer at tournaments as judge, referee, tournament coordinator, and emcee
- Taught robotics camps to first-grade through eighth-grade students
- Taught programming, research, and outreach skills to second through seventh-grade students who, over the three years of weekly mentoring, advanced to the world-level championship