

Jake Riley Weinstein

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Education

The Pennsylvania State University , <i>University Park, PA</i> Bachelor of Science, Cybersecurity Analytics and Operations, College of IST Dean's List	May 2026
Half Hollow Hills High School West , <i>Dix Hills, NY</i> High Honor Roll	June 2022

Skills

Programming Languages: Java, SQL, HTML
Cybersecurity Frameworks: Metasploit, VyOS, OSSEC
Software & Office Applications: Microsoft Office, Adobe Applications

Relevant Projects

- Team Member, **Penn State Event Network & Streaming Interface Design**
- Engineered a theoretical network for a large-scale outdoor event using Cisco technologies and AWS, ensuring efficient, secure live-streaming capabilities.
 - Developed an interactive web interface with MERN stack, emphasizing user experience and security for real-time event coverage and engagement.
- Team Member, **Penn State Foreign Terrorist Organization Report**
- Collaborated with a team to produce a thorough analysis of a designated Foreign Terrorist Organization (FTO), and created a comprehensive report covering origins, ideology, leadership dynamics, financial structures, strategic goals, and historical case studies.
 - Developed skills in research, analytical thinking, and strategic evaluation, contributing valuable insights into the organization's impact on global security.

Student Experience

- PSU Beta Sigma Beta** March 2023- Present
Assistant Risk Manager, Assistant THON Chair
- Engages in leadership and personal development programs, honing skills in communication, teamwork, time-management, and decision-making.
 - Currently assisting the Risk Manager in developing and enforcing risk management policies for the fraternity, ensuring compliance, and maintaining positive relationships.
 - Advocates for THON, a year-long effort to raise funds and awareness for pediatric cancer for children in Hershey, Pennsylvania.
- PSU Red Cell Analytics Club** August 2022- Present
Active Member
- Contribute to hands-on analysis of global issues including cyber-threats, natural disasters, and security risks.
 - Analyze natural disaster data, enhancing response strategies and emergency planning.
 - Identify and assess cyber threats, developing proactive defenses and mitigation approaches.
 - Evaluate potential terrorist activities, employing advanced analytical methods to forecast risks.

Work Experience

- Total Deployment Solutions**, *New York City, NY* June 2023- August 2023
Trading Floor IMAC Technician
- Conducted analyses and repairs on systems, addressing operating issues and peripheral concerns.
 - Executed upgrades, repairs, and tests on desktop computers.
 - Configured and assembled custom units tailored to client specifications.
- Adventureland Amusement Park**, *Farmingdale, New York* June 2016- August 2023
Game Operations Manager
- Managed the shifts, breaks, and operations of 50 game operators throughout the park.
 - Adhered to all safety procedures and regulations; daily cleaning and troubleshooting.
 - Organize, set-up, and breakdown park games to enforce safe spaces for all attendees.
 - Led opening and closing team to be successful, organized, and efficient throughout the peak summer months.