

# Alexander K. Sikora

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## Education

*University of Illinois at Urbana-Champaign*  
Bachelor of Science in Mathematics and Computer Science

May 2017

## Work Experience

Crowe LLP

Chicago, IL

*Senior Cybersecurity Consultant*

*August 2019 – Present*

*Cybersecurity Consultant*

*September 2017 – July 2019*

*Cybersecurity Intern*

*June 2016 – August 2016*

- Leads internal and external penetration assessments and information security reviews to identify, exploit, and recommend remediation steps for vulnerabilities and security hardening in client environments ranging from small manufacturing shops to F500 companies.
- Develops and executes email, telephone, and on-site social engineering campaigns to test client employees' security awareness and physical access controls.
- Mentors and trains interns and new employees in penetration testing methodology and client leadership.
- Oversaw and assisted with the implementation of a General Data Protection Regulation (GDPR) cookie consent banner and tracking preferences tool across 300+ websites in over a dozen countries for an international pharmaceutical corporation.
- Revamped the internal control framework and information security policies of a F500 life sciences company to assist with tracking compliance against 10+ regulations and security frameworks using the Unified Compliance Framework.

*University of Illinois at Urbana-Champaign – Campus Recreation*  
*Ice Arena - Customer Service Assistant*

Champaign, IL

*August 2014 – May 2017*

- Managed ice rink monitors, Zamboni drivers, and concessions staff during open skate and collegiate ice hockey events to ensure an excellent customers experience.
- Assisted community members with registering in learn-to-skate classes, seasonal hockey leagues, and pick up hockey games and scheduling birthday parties and other private events.
- Opened and closed the campus ice arena and counted the cash register to verify cash and credit card amounts matched transaction totals.

*University of Illinois at Urbana-Champaign – State Farm Center*  
*Hospitality Team Member*

Champaign, IL

*August 2013 – April 2015*

*Cold Stone Creamery*  
*Shift Leader*

Oak Lawn, IL

*April 2011 – July 2013*

## Conference Talks

**IIA/ISACA Chicago Chapter 5<sup>th</sup> Annual Hacking Conference (2018):** These Are Not the Passwords You Are Looking For: Protecting and Monitoring Active Directory

## Skills & Training

**Security Tools:** Nmap, Metasploit, GoPhish, Tenable Nessus, Netsparker, Burp Suite, Impacket, Kali Linux, Windows, Active Directory, CyberArk, Tripwire Enterprise, OWASP Top 10, MITRE ATT&CK

**Programming:** Python, C, C++, HTML/CSS

**Experimenting With:** Azure, Terraform

**Regulations and Frameworks:** NIST CSF, GDPR, NIST 800-53, ISO 2700, PCI, HIPAA/HITRUST