

Jack Arens

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Objective

I am seeking an internship in the cybersecurity industry with an emphasis on network security and information assurance.

Education

University of Nebraska at Lincoln

Estimated Graduation: December 2021

Jeffrey S. Raikes School of Computer Science and Management

- Highly selective honors program that focuses intensively on computer programming, business communication, and effective leadership
- Bachelor of Science in Computer Engineering
- Minors in Business and Mathematics
- Relevant Courses: Algorithms, Software Engineering, Data and Models, Circuits, Data and Network Security
- GPA: 3.94

Work Experience

Cyber Architecture Intern (Remote to Phoenix, AZ)

May 2020 - August 2020

Honeywell International Inc.

- Wrote, presented, and published a security architecture model on Azure Government Cloud Computing for corporate use
- Reviewed security service requests for Honeywell teams and products to ensure compliance with secure practices
- Developed a security position statement on the topic of homomorphic encryption for the enterprise security library

Cyber Systems Intern (Annapolis Junction, MD)

May 2019 - August 2019

Northrop Grumman Corporation

- Contributed to a back-end Java program for detecting conflicting cyber and air missions for mission planners
- Developed front end solution for viewing cyber resources and their association and vulnerability levels

Cyber Systems Intern (Northern Virginia)

May 2018 - August 2018

Northrop Grumman Corporation

- Built and deployed tools for cataloging and displaying project outcomes for internal users with Microsoft SharePoint
- Researched cutting-edge technologies for possible integration into project work flow

Projects

Interactive Analytics Dashboard (Lincoln, NE)

August 2019 - May 2020

Nelnet - PaymentSpring

- Served as the Development Manager for a team of 6 colleagues working on a corporately sponsored project
- Led the development of a full-stack, containerized information processing and analytics dashboard for interchange fees

Full Stack Web Application (Lincoln, NE)

January 2019 - May 2019

TD Ameritrade

- Developed a .NET Core back-end and Angular 7 front-end application for the processing of IRS tax documentation

Extracurricular Participation

Phi Kappa Theta Fraternity (Nebraska Pi Chapter)

August 2017 - Present

- Serving as Nu Class Judicial Council representative and Chapter Secretary
- Assisted in leading an 80-man fraternity through a global pandemic
- Focuses on Leadership, Fraternal, Social, Spiritual, and Intellectual development

Campus Recreation Advisory Council (Lincoln, NE)

April 2018 - May 2020

- Governing Council for the University of Nebraska-Lincoln's campus recreation facilities
- Serving as one of three Greek Life representatives

DefCon and InfoSec Group (Severn, MD)

May 2019 - August 2019

- Participating in community capture-the-flag events at a local hacker space
- Attending speakers presenting on digital forensics, penetration testing, and information security

Skills

Programming: Java, C, JavaScript, SQL, HTML, CSS, C# (Proficiency) and PHP, MySQL/PHPMyAdmin (Familiarity)

Software: IntelliJ, Adobe InDesign, Microsoft SharePoint, Draftsight, Git

Certifications/Clearance: DoD Top Secret Clearance