

# 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: 3.93

## Work Experience

### Cyber Systems Intern (*Annapolis Junction, Maryland*)

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

### Web Design and Marketing (*Ainsworth, NE*)

January 2014 - Present

#### Arens Website Design and Marketing

- Designed, built, implemented, and maintained websites and marketing materials and campaigns for local businesses such as Cassel Executive Offices, Ainsworth Chamber of Commerce, Gross Seed Co., Ainsworth Senior Center, Matthew's Construction, LLC, and Daniels Manufacturing Co.

## Projects

### 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

### UNL MakerSpace (*Lincoln, NE*)

August 2018 - Present

- Trained on several pieces of industrial wood/metal working and CNC machines
- Designed and fabricated various projects

### Campus Recreation Advisory Council (*Lincoln, NE*)

April 2018 - Present

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

### Phi Kappa Theta Fraternity (*Nebraska Pi Chapter*)

August 2017 - Present

- Serving as Nu Class Judicial Council representative and Chapter Secretary
- Focuses on Leadership, Fraternal, Social, Spiritual, and Intellectual development

### 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

### National FFA Convention (*Indianapolis, IN*)

October 2017

- Placed in the top sixteen nationally in the Extemporaneous Speaking Competition

## 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