

# Jack Arens

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## Objective

I am seeking an internship in the Computer Engineering industry, specifically in the field of cybersecurity with an interest in homeland security and defense.

## 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 Math
- Relevant Courses: Algorithms, Software Engineering, Data and Models, Circuits, Data and Network Security
- GPA: 3.958

### Ainsworth High School

- GPA: 4.0
- ACT: 35
- National Merit Scholar Finalist
- Courses: Pre-Engineering; Industrial Technology; Manufacturing; Power, Energy, and Transportation; Calculus

## Work Experience

### 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.

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

June 2014 - Present

#### Daniels Manufacturing Co.

- Designed and deployed responsive website pages, targeted marketing campaigns, and print and web advertisement
- Staged, filmed, and photographed products for marketing materials
- Leverage analytics platform for website averaging 1,000+ visitors daily

### Hired Hand (*Wood Lake, NE*)

July 2016 - August 2016 and July 2017 - August 2017

#### Brad Schlueter, Rancher

- I worked on a ranch in the Sandhills of Nebraska performing a wide range of jobs which included operating ranch equipment, working with cattle, and servicing equipment.

### Intern (*Ainsworth, NE*)

August 2016 - May 2017

#### blaXmith

- Developed unique solutions for one-of-a-kind projects using tools ranging from 2-D CAD, CNC machine operation, bridge design processes, projection mapping, PID control, and DMX lighting.

### Research Assistant (*Ainsworth, NE*)

June 2016 - March 2017

#### University of Nebraska at Kearney

- I worked with political science researchers from UNK to develop, distribute, and compile a survey that would be used to study the health of small communities.

### Summer Help (*Ainsworth, NE*)

May 2014 - August 2014

#### City of Ainsworth

- I worked for the City of Ainsworth as a full-time summer employee maintaining the parks, streets, and other public venues through painting, mowing, and general maintenance.

## Extracurricular Participation

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### 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

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

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

October 2017

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

### National Youth Science Camp (*Bartow, WV*)

June 2017 - July 2017

- Highly selective science camp; states are only allowed to send two delegates
- Two lectures a day presented by cutting edge researchers from around the world

## High School

### Mock Trial (*Freshman - Senior*)

- Two-Time State Qualifier

### Speech (*Freshman - Senior*)

- Three-Time State Medalist
- Five-Time District Champion

### Cross Country (*Freshman - Senior*)

- Four-Time Team District Champions

### Track (*Freshman - Senior*)

- Three-Time Letter Winner
- Four-Time Team District Champions

### FFA (*Freshman - Senior*)

- National Place in Extemp. Speaking
- Chapter Treasurer

### FBLA (*Freshman - Senior*)

- Chapter Vice President (*Senior*)
- Chapter Treasurer (*Junior*)

### Student Council (*Freshman - Senior*)

- STUCO President (*Senior*)

### A-Club (*Sophomore - Senior*)

- Chapter President (*Senior*)

### National Honor Society (*Freshman - Senior*)

- Chapter President (*Senior*)

### Class President (*Freshman - Senior*)

### Band (*Freshman - Sophomore*)

### Quiz Bowl (*Freshman & Senior*)

## Community Service

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### Raikes School Volunteer

- August 2017 - Present
- Provide tours for visiting and prospective students
- Assist and facilitate students on interview days
- Offer room for building tours

### Phi Kappa Theta

- August 2017 - Present
- Made and distributed meals for homeless individuals in Lincoln
- Crafted holiday greeting cards for youth in hospitals
- Formed a team for UNL's Big Event

### Lancaster Manor

- January 2018 - Present
- Visit residents in an extended-care facility
- Play piano for residents

### Ainsworth Betterment Committee

- February 2016 - July 2017
- Met once a month to discuss applications for the use of tax funds
- Reviewed applications and made recommendations to the city council

### Movie Theater Board of Directors

- August 2013 - July 2017
- High school representative for non-profit theater
- Assisted in theater operations
- Served as head of marketing

### Rep. Adrian Smith's Youth Advisory Council

- August 2016 - 2017
- Represented Nebraska youth for a sitting U.S. Senator

## Skills

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

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

**Certifications/Clearance:** DoD Interim Secret Clearance

## Hobbies/Interests

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Woodworking, Building/Making, and Working Out

## References

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*Please contact me for references*