

## Qualifications Summary

### Industrial Engineering

- ♦ Strategic Planning
- ♦ Data & Analytics
- ♦ Problem Resolution

### Project Management

- ♦ Design Thinking + Ideating
- ♦ Budgeting & Cost Controlling
- ♦ Software/Website Creation

### Supply Chain Management

- ♦ Logistics Management
- ♦ Standards / Procedures Compliance
- ♦ Database Management

<b>Education</b>	<b>Bachelor of Science in Industrial Engineering</b> , Anticipated <b>The Ohio State University College of Engineering</b> Minor in Computer Information Sciences GPA: 3.51
------------------	--

## Technical Proficiencies

**Programming Languages:** MATLAB, C, C++, Java, and Python.

**Tools:** Tableau, MS Office, PowerBI, Google Analytics, Amazon AWS, SolidWorks, Adobe InDesign.

## Professional Experience

### OSU Center for Innovation Strategies, Remote Onramp Innovation Analyst

April-August 2021

Worked in a summer-long internship cohort to deliver solutions for a corporate partner.

- Collaborate with a team to vet early-stage innovative ideas for corporate sponsors.
- Build unique customer-focused solutions using the fuzzy front end and lean start-up methodology.
- Generate qualitative research for data insights using in person customer validation interviews.
- Pitch evidence-based concepts and solutions to senior leaders for consideration in the sponsor's innovation pipeline.

### Washington Institute for Business, Government, and Society, Remote Technology Associate Intern

April-August 2021

Conducted in-depth research on current technology and provide executive summaries to Institute's President and CEO that affect the today's businesses as well as the country at large. Researched industry and government trends by analyzing and interpreting federal government and Committee reports on cybersecurity. Wrote business proposals securing corporate sponsorships. Connected with industry leaders to bring them to Washington Institute events.

- Created business proposal for the Washington Institute to work with Goldman Sachs and JPMorgan Chase.
- Replaced old template with entirely new design for the proposal from scratch, including rewording the entire document using experience in technical writing.
- Secured Mastercard's participation in a Cybersecurity roundtable consisting of industry and political leaders discussing pertinent cybersecurity trends.

## Project Experience

### Website Creation Project

2021

- Designed innovative portfolio website from scratch by leveraging Bootstrap Studio and hand-coded CSS.
- Hosted and utilized web platform Netlify for global distribution by configuring Github repository.

### Engineering Nanotechnology Project

2020

- Modeled 3D CAD representations for a NANOLYSER to detect HIV in a drop of human blood.
- Administered all aspects of semester-long nanotechnology and microfluidics project from start to completion.
- Performed test to the ability of saline to shear yeast cells from a micro-channel wall.
- Developed programs by utilizing C++ and MATLAB to calculate key metrics.

## Additional Experience

### Area Coordinator, Ohio State Residence Life

April 2021 – August 2021

- Facilitated a move in of 15,000 students onto campus, leveraging 700 volunteers across 42 dormitories at Ohio State.
- Coordinated with a team of 6 other Area Coordinators to ensure smooth operation of volunteer efforts.
- Planned logistics and transportation of key personnel and resources throughout the summer.

### Vice President of Communications, Sigma Phi Epsilon Fraternity

November 2021 – Present

- Investigated issues with current communication platform and facilitated an organization wide effort to migrate to a new, customized Slack workspace.
- Initiated new data projects: to create an organization-wide calendar and integrate it in each member's stock calendars app, and
- Created a framework to sync all contacts across the organization, relieving users of the need to manually create 60+ new phone contacts.

### Chair of Data and Analytics, Ohio Union Activities Board

August 2021 – Present

- Utilizing database visualization platform to build a dashboard of data insights regarding 500+ campus events, including demographics of event audience and return on investment.
- Created demographics reports for fall and spring ticketing, determining return on investment and results of diversity efforts in programming from the prior year.
- Conducting a semester-long study to survey the 60,000+ student population on their views toward OUAB programming and events.

## Professional Affiliations

Collaborative Events Committee Member | Data & Analytics Team Member | Social Chair at Ohio Union Activities Board, 2020 – Present

Sigma Phi Epsilon Fraternity, 2020 – Present

Big Data & Analytics Association Research Team

Design ThinkTank