

# Sara DaCosta

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## EDUCATION

Louisiana State University Shreveport (LSUS) – Shreveport, LA  
Bachelor of Science, May 2020

**Major: Computer Science**

**Concentration: Cybersecurity**

GPA: 3.13 / 4.00

## SKILLS

Programming: Java, JavaScript, Python, R, Unix Shell, SQL, HTML, CSS

Networks / OS: TCP/IP, Wireshark & Network Monitoring Tools, CISCO Routers and Switches, Windows 7/8/8.1/10, Windows Server 2012 R2, Linux (Ubuntu, Kali), Server ESXi, Mac OSX, VMWare Workstation, Adobe, Penetration Testing, Workstation Set-Up, Wireless Technologies

## EXPERIENCE

### Data Analyst

**March 2019 – present**

Benteler Steel/Tube

- Performed standard calculations in R and KNIME for specified customers' steel tube dimensions
- Created and maintained SQL Server Reports for steel mill performance indicators

### Undergraduate Researcher

**August 2018 – March 2019**

Laboratory for Advanced Biomedical Informatics (LSU - Shreveport)

- Developed software for analysis of biological and medical processes to further research in genetic sequencing, cancer therapies, and patient medical outcomes
- Developed and presented a data visualization tool for interval-based data using a slider mechanism at the annual 2019 Louisiana Biomedical Research Network Conference
- Analyzed data and presented results to biomedical researchers using R and Knime

### Information Security Analyst Intern

**June 2018 – August 2018**

General Dynamics Information Technology

- Reviewed internal procedures to understand risk assessment (RA) steps
- Created policies and procedures for data security and privacy guidelines

### Development Intern

**May 2018 – January 2019**

APS Payroll

- Assisted quality assurance in regression testing and used JIRA ticketing system to report and track bugs
- Added features to the online/mobile site (front-end & back-end) including program imports and exports for specific clients

### Department of Computer Science Intern

**August 2017 – May 2018**

LSU - Shreveport

- Sustained a department-wide ticketing system, loaded and installed software, and maintained high performance computing clusters and servers
- Tutored undergraduate students in introductory programming courses

### Cybersecurity Technology Lab Intern

**September 2015 – August 2017**

Westchester Community College

- Assisted in troubleshooting hardware, software, and networking issues for cybersecurity curriculum environments
- Refurbished and certified computer hardware including routers and switches
- Provided one-on-one tutoring and academic assistance to students

### Information Technology Technician

**November 2015 – July 2017**

United Stations Radio Networks

- Assisted in troubleshooting hardware, software, and networking issues
- Performed and reviewed weekly security audits, logs, and reports