

# JESSICA ELKINS

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NSF CyberCorps Scholarship for Service recipient

## EDUCATION

ANTICIPATED MAY 2023

**M.S. CYBERSECURITY**, UNIVERSITY OF ALABAMA IN HUNTSVILLE

Relevant Coursework: Network Security, Cybersecurity Engineering, Design of Algorithms

Clubs: WiCyS, UAH Cybersecurity Club, Association for Computing Machinery Chapter

GPA: 4.0/4.0

Honors: NSF CyberCorps Scholarship for Service recipient

MAY 2021

**B.S. COMPUTER SCIENCE**, UNIVERSITY OF ALABAMA IN BIRMINGHAM

Relevant Coursework: Computer Security, Cyber Risk Management, Systems Programming,

Software Engineering, Database App Development, Advanced Web App Development

GPA: 4.0/4.0

Honors: Transfer Presidential Scholarship recipient, *Summa Cum Laude*

MAY 2019

**A.S. COMPUTER SCIENCE**, JEFFERSON STATE COMMUNITY COLLEGE

Relevant Coursework: Java Programming, Object Oriented Programming

GPA: 4.0/4.0

Honors: Phi Theta Kappa, *Summa Cum Laude*

## EXPERIENCE

SEPTEMBER 2021 - PRESENT

**RESEARCH ASSISTANT**, UNIVERSITY OF ALABAMA IN HUNTSVILLE, HUNTSVILLE, AL

Salary: \$15.50 per hour

Job Type: Part-Time

Supervisor: Carly Schumacher, (256) 824-6495

- Secret-level clearance, active (January 2022 – present)
- Worked as a data analysis on the Malware Research Project which consisted of cleaning up, refining, and analyzing the data collection to identify trends among data points

NOVEMBER 2018 – JANUARY 2019

**SEASONAL SALES ASSOCIATE**, SUR LA TABLE, BIRMINGHAM, AL

Salary: \$9.50 per hour

Job Type: 20 hours per week, Part-Time

Supervisor: Christy Schmitz, (205) 908-1050

- Greeted customers and ascertained what each customer wants or needs, and answered questions regarding store or merchandise
- Assisted in training new employees and opening/closing point-of-sale terminals

**SEPTEMBER 2016 – MAY 2017**

**SERVICE PARTS REPRESENTATIVE, WARREN RUPP, MANSFIELD, OH**

Salary: \$10.00 per hour

Job Type: 40+ hours per week, Full-Time

Supervisor: Daniel Fanello, (419) 989-8900

- Responded to customer part request by pulling purchased parts from inventory or ordering parts from warehouse
- Managed and ordered inventory from suppliers daily and assisted in training new employees

## SKILLS

- Java (intermediate)
- Python (intermediate)
- C (beginner)
- Wireshark (beginner)
- SQLite (beginner)
- Linux (intermediate)
- IDA (beginner)
- Git (intermediate)
- HTML/CSS (beginner)

## KEY PROJECTS

### JAVA DESKTOP APPLICATION

- Built a Java application using object-oriented design patterns and SceneBuilder that helps farmers automate farm tasks using drones

### PYTHON WEB APPLICATION

- Developed a Python web application using the Flask framework that allows users to sign in and post to a message board
- Built databases in SQLite for storing and querying relevant user data for frontend display

### ALGORITHMS AND DATA STRUCTURES

- Experience implementing and analyzing algorithms and data structures in Java
- Binary Search, Merge Sort, Hash Map, Red Black Tree, Depth First Search, etc.