

Sarah Ross

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EDUCATION

Grand Valley State University, Grand Rapids, Michigan

Bachelor of Science, Computer Science and Information Systems

Expected 2027

GPA: 3.15

Relevant Coursework

- Intro to Software Engineering
- Web Application Programming
- Data Structures & Algorithms Engineering

PROJECTS

Cipher Class Project

January 2024 - April 2024

Objective: Decipher a text with a key.

- Programmed the decipher in Java, used a larger number integer to determine the equations
- Created a math algorithm with loops to output values at needed length
- Developed two different calculators to break down the text and decipher the produced work

Outcome: The decipher successfully unencrypted any text using that deciphering key.

HTTP Server

October 2023 - December 2023

- Used Python to build a multi-threaded server that can manage web requests and distribute tracked cookies

TECHNICAL SKILLS

- Experience with Java, Python, MS Excel, C Programming
- Familiar with JavaScript, SQL, HTML, CSS, git

WORK EXPERIENCE

CIS Success Center, Grand Rapids, Michigan

January 2024 - Present

Peer Tutor

- Held 4 hours of tutoring sessions each week for introductory courses
- Tutored students in computer science concepts such as data structures and algorithms

GVSU IT Department, Grand Rapids, Michigan

September 2023 - Present

Information Technology Student Assistant

- Supported GVSU faculty, staff, and students with technical support to keep technology updated
- Responded to calls to provide live one-on-one technical support

Jimmy John's, Allendale, Michigan

September 2022 - May 2023

Delivery Driver

- Provided excellent customer service to fulfill 60 delivery/in-person orders per 8 hour shift
- Worked collaboratively with team members to meet service speed and accuracy goals

ON-CAMPUS INVOLVEMENT

CIS Computing Club, *Grand Valley State University*

August 2023 - Present

FIRST Robotics Volunteer, *Grand Valley State University*

August 2022 - April 2023