

SELAM VAN VOORHIS

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EDUCATION

Centre College	Danville, KY
Bachelor of Science in Computer Science	May 2022
<ul style="list-style-type: none">• Posse Leadership scholarship Recipient• Girls Inc. National Scholarship Recipient• Relevant coursework: Data Structures, Programming and Problem Solving, Systems Programming, Database Programming, Design & Analysis of Alg., Computer Networks, Discrete Mathematics, Software Design	

EXPERIENCE

Kami	London UK (remote)
Data Science Intern	Feb 2022-May 2022
<ul style="list-style-type: none">• Develop web crawling programs to parse web pages for both static and dynamic sites• Extract useful information into meaningful categories and spreadsheets• Include documentation of program structure and data analysis.	
Centre College	Danville, KY
Bioinformatics Intern	May 2021– July 2021
<ul style="list-style-type: none">• Build a program to run protein compounds through AutoCad Vina software to find a protein that can bind itself to the Covid-19 protein enzyme.• Build a GUI to take in microbiome analysis data and create a heatmap based on percentage occurrence using Python, Tkinter, seaborn and other libraries and extensions of Numpy	
Centre College	Danville, KY
Assistant Digital Archivist	Nov. 2019 – Feb. 2022
<ul style="list-style-type: none">• Create html form to take metadata content and output information in XML PREMIS format• Use Beautiful Soup Python Library to extract desired data from given URL and Automate a way to scrape archived articles from WayBack Machine, exported results as tables.• Create metadata using Dublin Core standards including using Library of Congress authority files	

LEADERSHIP & Clubs

Centre Black STEM Coalition	Sept. 2021 – May 2022
<ul style="list-style-type: none">• PR Officer managing social media Instagram account• Secretary role managing the calendar of events and transcribing the meetings	
Participant in Eureka!	May 2013-May 2018
<ul style="list-style-type: none">• A five year-round girls' leadership and STEM program fostering educational, professional and personal development.	

SKILLS

Languages/Scripts: Python, JavaScript, Java, C, CSS, HTML, XML, PHP, SQL
Applications/Libraries: AutoCAD Vina, Tkinter, Javafx, React, Git, Linux, Web Scraping: Beautiful Soup and Selenium