

# SELAM VAN VOORHIS

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## EDUCATION

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

## EXPERIENCE

Kami	London UK (remote)
Data Science Intern	Feb 2022-May 2022
<ul style="list-style-type: none"><li>• Develop web crawling programs to parse web pages for both static and dynamic sites</li><li>• Extract useful information into meaningful categories and spreadsheets</li><li>• Include documentation of program structure and data analysis.</li></ul>	
Centre College	Danville, KY
Bioinformatics Intern	May 2021– July 2021
<ul style="list-style-type: none"><li>• 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.</li><li>• 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</li></ul>	
Centre College	Danville, KY
Assistant Digital Archivist	Nov. 2019 – Feb. 2022
<ul style="list-style-type: none"><li>• Create html form to take metadata content and output information in XML PREMIS format</li><li>• Use BeautifulSoup Python Library to extract desired data from given URL and Automate a way to scrape archived articles from WayBack Machine, exported results as tables.</li><li>• Create metadata using Dublin Core standards including using Library of Congress authority files</li></ul>	

## LEADERSHIP & Clubs

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

## SKILLS

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