

JACK BURRIGHT

122 N 34th St Omaha, NE 68131
Jrb94233@creighton.edu | 651-492-6673

EDUCATION

Creighton University , Omaha, NE	May 2024
Intended Degree: Bachelor of Sciences in Computer Science	GPA 3.9
Eagan High School , Eagan, MN	May 2020

SKILLS

Technical Skills: Java, Python, HTML, CSS, JavaScript, React, SQL, Netlogo, and Latex

EXPERIENCE

Creighton University , Omaha, NE <i>Research Assistant</i> <ul style="list-style-type: none">Responsible for designing, creating, and maintaining a MySQL databaseCoded agent-based models in NetLogo to simulate the mob phenomenonUtilized Meetup's GraphQL API to gather ground truth data about past mobs	June 2022 – Present
Big Brothers Big Sisters , Omaha, NE <ul style="list-style-type: none"><i>Mentor</i> - A one-on-one mentor in a community-based program for at risk youth	June 2022 - Present
Personal Website , (Jackburright.unaux.com) <ul style="list-style-type: none">Utilized skills in JavaScript, CSS, HTML, and React to create a responsive website	July 2023
Water Quality Service Trip , Santiago, Dominican Republic <i>Research Volunteer for Institute of Latin American Concern</i> <ul style="list-style-type: none">Gathered water samples from homes in impoverished communities and conducted testing for E coliBuilt and performed maintenance on water filters to provide clean and safe drinking water	May 2022
Cascade Bay , Eagan, MN <i>Head Lifeguard</i> <ul style="list-style-type: none">Ensured safe and enjoyable experience for waterpark patrons	Summers of 2018, 2019, and 2021

PUBLICATIONS AND PRESENTATIONS

Conference Publication and Session Presentation

"An Agent-Based Model of Mobs Using Theoretical Constructs of Collective Action", 2023 Annual Modeling and Simulation Conference (ANNSIM 23). Mohawk College, Ontario, Canada

Poster Session

"Utilizing NetLogo to Simulate Mobs: An Agent-based Modeling Approach", National Conference of Undergraduate Research 2023 (NCUR 23). University of Wisconsin-Eau Claire, Eau Claire, Wisconsin

Poster Session

"Sentiment of Health; Twitter Analysis", The Global Health Conference Midwest 2023. Creighton University, Omaha, Nebraska

AWARDS

Dean's Service Honor Roll , Creighton University	January 2022 – Present
College of Arts and Sciences Dean's List , Creighton University	August 2021 – Present