

JACK BURRIGHT

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EDUCATION

Creighton University, Omaha, NE – Graduated summa cum laude May 2024
Bachelor of Science in Computer Science with Minor in Data Science GPA 3.9

- Dean's Award for Distinguished Graduate, Dean's Service Honor Roll, College of Arts and Sciences Dean's List

SKILLS

Technical Skills: Java, Python, SQL, Selenium, AWS, REST, HTML5, CSS, JavaScript, React, Keras, Git, and WordPress

EXPERIENCE

ShineForth, Omaha, NE September 2023 – March 2024
Software Developer Intern

- Performed maintenance for client websites in Next.JS, JavaScript, CSS, HTML5, and WordPress
- Utilized Python to develop a Selenium-based web scraper to extract data from government websites
- Communicated with team in Agile environment to update on project progress

Creighton University, Omaha, NE June 2022 – May 2024
Research Assistant

- Responsible for designing, creating, and maintaining a MySQL database with over 100,000 records
- Utilized Meetup's GraphQL API to gather ground truth data about past mobs
- Coded agent-based models in NetLogo to simulate the mob phenomenon
- Research has been published twice and been presented at three conferences

PROJECTS

Instagram Quote Sharer August 2024
Personal AWS Project

- Created a fault tolerant website using a Flask backend, hosted on AWS using an ALB, ASG, and EC2 instance
- Website allows users to post suggestions, saves them in S3, to later be posted automatically to Instagram

NBA Total Score Predictor December 2023
Academic Project

- Utilized deep learning to predict over/under proposition bets for upcoming NBA game totals
- Built a React and Spring Boot website to compare predictions to other sports books to find a betting edge

Flash Mob Deep Learning Model June 2023 – May 2024
Research Assistant Project

- Designed and trained deep learning models in Python using Keras and Scikit-learn to classify mobs
- Models trained using varying attributes from sociological findings with F1 scores as high as 97.8%

Sentiment Analysis of Twitter December 2023
Independent Research Project

- Scraped and analyzed 1.5 million tweets from Twitter, which were analyzed using NLP to extract text sentiment
- Presented a poster at Global Health Conference Midwest sharing the changes in sentiment regarding health

CERTIFICATIONS

AWS Solutions Architect - Associate August 2024
AWS Certified Cloud Practitioner July 2024