Harshil Bhullar

hbhullar18@g.ucla.edu • linkedin.com/in/harshil-bhullar • github.com/HarshilBhullar • (609) 712-6468

ABOUT

I am a Computer Science Undergrad at the University of California, Los Angeles (UCLA). My career goal is to enter the Artificial Intelligence and Machine Learning industry and impact the world through the strength of this technology.

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES - UCLA

Henry Samueli School of Engineering and Applied Science
Computer Science
2019 – 2023 | Los Angeles, CA
Major GPA: 3.6 • Cumulative GPA: 3.7
Completed Courses:
- Intro to CS
- Data Structures
- Logic System Design
- Computer Organization
- Software Construction
- OS Principles
- Algorithms and Time Complexity

LAWRENCE HIGH SCHOOL - LHS

High School
2015 – 2019 |Lawrenceville, NJ
GPA: 4.3
- Lawrenceville Township Education Foundation Grant Recipient
- Game Design Club Co-founder/President
- STEM Club Officer
- National Merit Commendation

PROJECTS & ACTIVITIES

- Currently developing web app intended to help guide computer science majors along their journeys. Users can query for a topic they would like to pursue, and the app will display a web-like journey with each node representing a relevant topic, as well as an overall recommended path for the user. Each node will hold important resources that the user can use for their benefit.

- Developed Personal Twitch Dashboard that utilized the Twitch API and React to allow users to follow their favorite streamers and track when they would go live on the Twitch platform

EXPERIENCE

FERRISSOFT TECHNOLOGIES INC

DATA SCIENCE INTERN
June 2021 – SEPTEMBER 2021 | Princeton, NJ
- Learned Neo4j, Cypher, and data science libraries to develop a Fitness client management application using React framework
- Through the Neo4j Graph Database, I implemented the feature of tracking individuals' health and fitness progress
- Applied Neo4j Data Science algorithms in Python to analyze significant contributors to individuals' fitness growth

UCLA ACM AI PROJECTS | UCLA ACM

PROJECTS TEAM MEMBER
January 2021 – March 2021 | Los Angeles, CA
- Developed an optimal Convolutional Neural Network for the Kaggle "Cassava Leaf Disease Classification" competition
- Used Pandas to create a dataset of 21,367 labeled images and PyTorch for its ML functionality to develop the model

XIANG 'ANTHONY' CHEN LAB | UCLA HCI

RESEARCH ASSISTANT
June 2020 – August 2020 | Los Angeles, CA
- Learned basic frontend development to work on developing a website meant to track a Cardiologist's eye attention while he or she analyzed a CT scan for nodules
- Utilized and combined ami.js, a medical imaging JS toolkit, and webgazer.js, an eye tracking JS library that works on common webcams, as our main tools for development

OPEN PROJECT SPACE | UCLA IEEE

PROJECT MEMBER
October 2019 – March 2020 | Los Angeles, CA
- Learned foundational Electrical Engineering skills, such as breadboarding, soldering, and Arduino programming.
- Completed small projects, such as using a supersonic sensor to measure the speed of sound, and communicating between a radio transmitter and receiver through an Arduino

SKILLS

LANGUAGES	C • C++ • Python • SQL • Cypher
POPULAR LIBRARIES	Matplotlib • Numpy • PyTorch • Pandas
CERTIFICATIONS	LPI Linux Essentials • SQL for Data Science • Neo4j Graph Database
FRAMEWORKS	React