

Nick Diaz

5720 Crawford Dr.

Rockville, MD, 20851

(240)-672-2398

nickc7489@gmail.com

Github page: <https://github.com/CharlesBarkley5>

Objective

Motivated and dedicated student looking for an entry level position in programming or computer science related field. Seeking to learn and gain experience in any way.

Skills

General:

- Proficiency in Spanish (reading, writing, speaking).
- Experience in customer service.
- Desire to communicate ideas clearly.
- Proficient organizational skills.
- Proficient in Google technologies and Excel.

Programming languages:

- Proficiency in languages Python, Javascript, MATLAB in personal projects and Java from coursework
- Understanding of the languages C and MIPS Assembly from coursework as well.
- Experience with HTML5 and CSS4.

Web development technologies:

- Experience using the React.js and Angular.js frameworks to make multiple personal projects, such as:
 - Wordle clone with an adjustable attempt count and word size.
 - Web app where you can change the pitch and speed of an audio file given a youtube link.
 - Custom quiz creator website.
- Background programming with Django and Spring Boot backend frameworks, have used them to make Rest APIs.
- Experience using Express.js in conjunction with MongoDB for a project backend.
- Have deployed using hosting services Heroku, Github Pages, and Amazon Web Services.

Miscellaneous programming & computer science:

- Knowledge on data structures and algorithms from college coursework.
- Experience programming on Linux and using Unix commands.
- Created a final project for BigThink AI club in which I used Python ML libraries Tensorflow and Sklearn to create a neural network to predict weather patterns based on CSV data.
- Created Discord soundboard bot using the Discord.py library with Python.

Major Volunteer & Work Experience

October 2018

Volunteered at Red Robin to raise money for Special Olympics Event

- Helped improve communication skills and social skills, more experience working under pressure.

May 2019

Directed traffic for parking at Classic Motorcycle Day in Mt. Airy

- Improved my ability to make quick decisions and think on my feet.

May 2022

Helped construct community garden for Richard Montgomery High School

- Helped planning skills and taking initiative.

July 2022

Worked as a paid backend programmer for the Twinbrook Pool, updated database to latest long term support version and made it more convenient for workers to enter data

- Made me have more experience with backend programming technologies like Django and the Python language. Learned how to locally host a server on my PC with Apache.

Education

September 2018 - May 2022

Richard Montgomery High School, Rockville, Maryland – IB Magnet Program (2018-2020) and IB Diploma Program (2020-2022), weighted GPA: 4.72.

September 2022 - May 2025 (Expected, since I came in with sophomore credit standing)

University of Maryland, College Park – Studying for bachelor's degree in computer science, machine learning track.

December 2022 - March 2023 (Expected, based on estimated time for course completion)

Google UX Design Certificate on Coursera – Currently completed section 5 out of 7: *Create High-Fidelity Designs and Prototypes in Figma*.

Awards & Honors

International Baccalaureate Diploma

RMHS Seal of Biliteracy

Accepted into Honors College at University of Maryland