

# Ryushin Wells

Software Engineer



North Carolina (can relocate)  
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## GOALS & ASPIRATIONS

Aiming to become a software engineer who develops robust and scalable systems that integrate artificial intelligence to solve real world problems. My focus is on applying machine learning to areas such as natural language processing, recommendation systems, and automation to enhance user experience and drive innovation. I'm committed to continuous learning, collaborating with diverse teams, and contributing to products that make a measurable impact on people's lives.

## EXPERIENCE

Recent high school graduate pursuing first role in tech.

Full stack web development with [Next.js](#) + Python, focused on integrating AI into modern web frameworks.

## EDUCATION

### Panther Creek High School, Cary NC

2022-2025

Graduated with a 3.1 GPA with a focus on Mathematics and Computer Science.

## PROJECTS (Not Exhaustive)

### [Wordle Solver](#)

Built an intelligent Wordle-solving algorithm that applies concepts from information theory, entropy, and Bayesian inference to maximize word-guessing efficiency. The solver evaluates possible guesses by computing the expected information gain from each word, prioritizing those that reduce uncertainty across the solution space.

## SOFTWARE SKILLS

Linux (RHEL/Ubuntu).

Docker

AWS EC2

PostgreSQL/MySQL

HuggingFace

OpenAI API Platform

Git/Github

REST/GraphQL API design

Apache Web Server

OAuth2

JWT

## PROGRAMMING LANGUAGES

Javascript/Typescript

React/Next.js

Python

Pytorch/Tensorflow

Numpy/Pandas

Pytest

Go

