

Summary

Junior Computer Science major with a minor in Computer Information Systems and a Data Science certificate. Experience in data analysis and quality assurance, with growing interest in databases, data warehouses, and cloud technologies like AWS and Airflow. Passionate about applying machine learning and AI to develop efficient, reliable, and data-driven solutions.

Education

Appalachian State University, Boone, North Carolina
Bachelor of Science in Computer Science
Minor in Computer Information Systems
Certificate in Data Science

August 2025 - Expected, May 2027

Ocean County College, Toms River, New Jersey
Associate of Science in Computer Science

September 2019 - May 2021

Technical Skills

- Python
- SQL
- NoSql
- React
- TypeScript
- Postman
- BigQuery
- Pandas
- Selenium
- Excel
- Tableau
- Git
- Cloudflare
- ChatGPT
- Copilot
- LLM

Certifications

Full Stack Software Development, Devslopes
Google Data Analytics Professional Certification, Coursera

Professional Experience

Data Analyst, Gembah, Texas

October 2021 - October 2022

Created Tableau dashboards, enabling department managers with quick access to logistics and sales insights.
Developed and managed SQL queries in BigQuery to support reporting needs and improve data accessibility.
Supported data analysis processes, delivering more accurate insights and contributing to a 10% boost in operational efficiency.

QA Tester, Dynasty Sport and Entertainment, Florida

October 2018 - April 2019

Tested system modifications to verify compliance with quality assurance requirements, ensuring successful implementations.
Documented steps to reproduce issues, facilitating clear communication, and reducing resolution time by 15%.
Identified and escalated potential risks early, helping ensure smoother deployment processes.

Technical Projects

Social Media Communications Platform

Skills: React, Typescript, HTML, CSS, JSON-Server, Tanstack Query, Tanstack Router, Axios

Designed and developed a video-sharing platform with social features such as group creation, commenting, and liking.
Implemented a simulated backend with JSON-Server, handling API requests through Axios and TanStack Query.
Built the frontend in React with state management and context providers, based on initial Figma designs.

Discord Bot

Skills: JavaScript, Cloudflare Workers, Webhooks

Created a Discord bot that posts automated weekly reminders of in-game reward resets.
Deployed using Cloudflare Workers with Cron triggers, ensuring serverless, 24/7 availability.
Implemented slash commands using Discord's REST API, returning reset times converted to users' local time zones.

Riot Games API Data Analysis

Skills: Python, Pandas, Riot API, RiotWatcher, Tableau

Fetches champion mastery data via the RiotWatcher, providing reliable and structured access to the Riot Games API.
Cleaned and transformed datasets with Pandas to improve accuracy, consistency, and analytical usability.
Designed Tableau dashboards to visualize mastery data, highlighting champion usage rates.

Volunteer

Teacher of STEM, Ocean View Academy

August 2024 - April 2025

Assisted students with computer science topics and college-level math, including HTML, CSS, JavaScript, and calculus.