

Connor “Flynn” Johnston Nisbet

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EDUCATION

Furman University

Bachelor of Science in Computer Science; Minor in Data Analytics

GPA: 3.81/4.0

Greenville, SC

Expected May 2025

- Dean’s List (Spring 2024, Fall 2023, Spring 2023, Fall 2022, Spring 2022, Fall 2021)
- John D. Hollingsworth Scholarship Recipient
- Palmetto Fellows Scholarship Recipient
- Upsilon Pi Epsilon (CS Honor Society) Inductee

Relevant Completed Coursework: Advanced Data Structures and Software Development (Java), Information Security, Data Structures and Algorithms (Java), Networks & Data Communications, Computer Organization, Business Analytics (Excel), Statistical Methods with R, Intro to Computer Programming (Python), Intro to Computer Science, Geographic Information Systems, Analytic Geometry & Calculus II

Fall 2024 Coursework: Computational Theory, Web-Based Application Design & Development, Discrete Structures for Computer Science, Introduction to Data Mining

Spring 2025 Coursework: Machine Learning with Big Data, Database Management Systems, Seminar in Computer Science

RELEVANT EXPERIENCE

Teacher Assistant & Lab Aide

August 2023 - May 2024

Furman University

Greenville, SC

- Spent two semesters working for CSC-121 - Intro to Computer Programming (a Python course), and currently working for CSC-223 – Advanced Data Structures and Software Development (a Java course).
- Hold weekly office hours to answer student questions, give mini-lectures, and help with labs/homework assignments.

AI/ML Research Intern

May 2024 – August 2024

Wake Forest Center for Artificial Intelligence Research (CAIR)

Winston-Salem, NC

- Began with EHR data, then utilized advanced statistical and data preprocessing techniques to prepare data for 8 different machine learning models, all optimized and compared for best results. Presented findings at a research symposium.
- Collaborate with a team of researchers, data scientists, and medical professionals, targeting AI solutions to be pushed into clinical settings. Participate in weekly lab meetings and research discussions, fostering an innovative research environment.

Data Analysis Internship

December 2023 - May 2024

Walt’s Waltz

Greenville, SC

- Interpreted data from surveys, advertisements, and workshops for a non-profit, making relevant recommendations.
- Engaged my university by facilitating events and contacting on-campus organizations to spread mental health awareness.

PROJECTS

Data Driven Strategies for Trial Recruitment

- Leveraged several machine learning algorithms, through libraries such as Scikit-learn and TensorFlow, to predict patient participation in clinical trials.
- Created a final, streamlined pipeline based on my work for straightforward conclusions and proof of model efficacy.

Triangle, Angle, Segment, and Point Database Engine

- Constructed a computational geometry engine for computing (and storing) all angles, triangles, segments, and points in a figure; Serves as part of an input system for an Intelligent Tutor for Euclidean Geometry.

Kentucky Basketball Case Study

- Through ArcGIS and Python web-scraping, analyzed the University of Kentucky’s basketball recruiting shift since 2003.
- Used thematic statistics to display changes, nuance, and hotspots in recruiting, primarily geographically.
- Constructed a StoryMap for the project, effectively turning a complex project into a 5-10 minute easy-read for a viewer.

LEADERSHIP EXPERIENCE

President - Furman Best Buddies

February 2023 – Present

- Facilitated monthly events for 50+ people with disabilities to dance, play games, and connect with Furman students.
- Pair people with special needs with Furman students, making “Buddies” for people who need it.

Community Partner Coordinator - Heller Service Corps

August 2023 – Present

- Help lead the largest organization on campus, serving through volunteers and service, and has a team of 30 students.

Leadership Roles - Sigma Chi Fraternity - Iota Nu Chapter

August 2022 – December 2023

- Served as Service and Diversity Chair, organizing volunteerism and inclusivity within my group of 60 young men.

TECHNICAL SKILLS

Comfortable: Python, Java, Pandas, Scikit-learn, R, HTML/CSS, ArcGIS, Git | **Acquainted:** Excel, PHP, Tableau, SQL, JavaScript