Nikhil K. Dunna

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EDUCATION

University of Georgia **Athens, Georgia**
B.S. in Computer Science *Expected Graduation, May 2026*
- o **Related Coursework:** Data Structures, Algorithms, Systems Programming, Discrete Mathematics, Theory of Computing, Software Development

SKILLS

Programming Languages: Java, Python, HTML/CSS, C++, C, JavaScript
Tools/Frameworks: Git, Unix/Linux, VSCode, TailwindCSS, React, Maven, Vite, Flask, MongoDB

EXPERIENCE

ExoSkeleton Innovations (Georgia Tech Create-X) **Atlanta, Georgia**
Founder *Jan 2023 – Jan 2024*
- Developed website using React and newsletter service, delivering newsletters to over 30 interested investors monthly.
- Leveraged participation in the Create-X Startup Accelerator to gain $20,000 in early-stage funding.
- Managed timelines and goals of 5 person engineering and marketing teams.
- Used business analysis skills to bridge engineering and business development teams by identifying technical and functional specifications.

nMomentum **Suwanee, Georgia**
Information Technology Specialist *Apr 2020 – Present*
- Managed performance reporting cloud storage for Prince George's County's "The Bus" System.
- Upkeep and implementation of company website using HTML/CSS.
- Assisted in implementation and QA of fare collection and intelligent transportation systems implemented in for Memphis Area Transit Authority.

PROJECTS

Bored in Athens Event Randomizer **Athens, Georgia**
Python, HTML/CSS, React, JavaScript *Oct 2024*
- Created a full-stack web application to serve an event in Athens on a requested date for the user.
- Implemented front-end using React/TailwindCSS to present the user an event's title, location, date, and website.
- Developed back-end API using Flask to consume REST requests sent from front-end to pull event data from a MongoDB database.
- Created a Python web scraper to populate the MongoDB database with relevant event data to the Athens' Area.

Algorithm Visualizer **Athens, Georgia**
Python *Aug 2024*
- Developed a program for visualizing insertion and bubble sort with varying data sets.
- Implemented using Pygame for bar graph visualization of swapping values and user input.

Birthday Moon Graphic Generator **Athens, Georgia**
Java/JavaFX, Git *Dec 2022*
- Developed a program that outputs a moon graphic on the night of a specific date based on the time and geolocation.
- Used JavaFX to generate GUI, take user input, and display images.
- Generated REST API calls to external services to serve graphics to frontend.

ACTIVITIES AND LEADERSHIP

RoadRunner Volleyball **Oconee County, Georgia**
Head Coach *Jan 2024 – Current*
- Lead a 15U girl's volleyball travel club team, focusing on skill development, teamwork, and strategic play.
- Guided the team through competitive tournaments, fostering a positive and motivating environment by emphasizing individual and team growth.

University of Georgia Men's Volleyball **Athens, Georgia**
Secretary *Aug 2022 – Current*
- Executive officer of 30+ men's volleyball players across three teams, hosting tournament events, and assisting and managing board of executives.