

# Nikhil K. Dunna

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## EDUCATION

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### 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

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**Programming Languages:** Java, Python, HTML/CSS, C++, C, JavaScript

**Tools/Frameworks:** Git, Unix/Linux, VSCode, TailwindCSS, React, Maven, Vite, Flask, MongoDB, MySQL

## EXPERIENCE

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### 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.
- Supervised 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, assisting 30 users.
- Upkeep and implementation of company website using HTML/CSS.
- Assisted in implementation and QA of fare collection and intelligent transportation systems implemented for Memphis Area Transit Authority.

## PROJECTS

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### Bored in Athens Event Randomizer

Athens, Georgia

Python, HTML/CSS, React, JavaScript

Oct 2024

- Fabricated 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.
- Integrated a Python web scraper to populate the MongoDB database with relevant event data to the Athens' Area.

### Volleyball Statistics Tracker

Athens, Georgia

Python, HTML/CSS, React, MySQL, JavaScript

Sep 2024

- Prototyped a statistic collection tool for volleyball teams, providing a secure collection mode for coaches to log player stats with user authentication and a viewing mode for parents and players to access game-by-game statistics.
- Used React/TailwindCSS/MUI to create front-end, presenting users with seamless navigation and intuitive data views.
- Constructed back-end API using Flask to handle SQL querying from a MySQL database, allowing for efficient storage, retrieval, and querying of player and game statistics.

### Algorithm Visualizer

Athens, Georgia

Python

Aug 2024

- Built 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, Maven

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 front-end.

## ACTIVITIES AND LEADERSHIP

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### RoadRunner Volleyball

Oconee County, Georgia

Head Coach

Jan 2024 – Current

- Led a 15U girls' 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.