

# Derek L. Dunlap Jr.

## Jr. Software Developer

Atlanta, GA | (609) 571-6096 |

[derekdunlapjr@gmail.com](mailto:derekdunlapjr@gmail.com) | <https://www.linkedin.com/in/dunlapjrderek/> | <https://github.com/DerekDunlap>

## EDUCATION

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### GEORGIA STATE UNIVERSITY

Atlanta, GA

B.S. Computer Science Candidate (Expected graduation May 2022)

- **Relevant Coursework:** Principles of Computer Science I (Java/GSU)
- **Relevant Coursework:** Principles of Computer Science II (Java/GSU)
- **Relevant Coursework:** Intro-Programming Using C++ (Moorpark College)

## MILITARY

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### UNITED STATES MARINE CORP

San Diego, CA

Avionics Technician/Quality Assurance Representative

## SKILLS

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- JavaScript
- Java
- Python
- C/C++
- HTML/CSS
- Bootstrap
- React
- Redux
- Node.js
- Express.js
- PostgreSQL
- REST API

## RELEVANT EXPERIENCE

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### SPORTSBROS | <https://sportsbros.surge.sh/>

Jul 2021

- Communicated effectively with instructors and team players during daily Scrum meetings based on the design intentions of the site and measures to achieve goals.
- Maintained the design of the team's project by analyzing the addition of 2,997 lines of code and the deletion of 3,623 lines of code with 38 commits to GitHub.
- Ability to input towards project requirements by integrating reusable functions resulting in reducing the project's total lines of code by 731 lines.

### GEMS MOTIVATIONAL QUOTES | <https://immense-chamber-30394.herokuapp.com/>

Aug 2021

- Contributed to the team project by implementing essential database tables to be used in conjunction with the website.
- Improved quality of the website by implementing reusable functions to validate user input upon account creation/login and checking database for duplicate usernames resulting in 0 duplicate user accounts.
- Constructed the feature for users to be able to favorite unlimited amounts of quotes by utilizing the quote's unique identity number fetched from a third-party API and saving to the database.

### GITFIT | <https://gitfit.surge.sh/>

Oct 2021

- Individually designed a fitness website that fetches workouts from the database and allows users to track the duration of workout sessions via a Stopwatch feature.
- Improved security for users by implementing React Authentication that is maintained via a middleware.
- Reduced the moment of fetches to the database by 50% from using Redux global states to save and dispatch pertinent information across different pages.