

Derek L. Dunlap

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Web Developer

Front-end Development | Back-end Development | Version Control

Results-driven United States Marine Corps veteran with a solid foundation in Applied Computing from the University of Arizona and a Web Development Certificate from DigitalCrafts. Demonstrated expertise in software development, quality assurance, and technical training. Eager to leverage firsthand technical skills, strong work ethic, and adaptability to contribute to innovative software development projects.

RELEVANT EXPERIENCE

FATHERHOOD INK – www.fatherhoodink.com

- Implemented best practices for search engine optimization to improve visibility and ranking on search engines.
- Ensured the website is fully responsive, providing seamless functionality across devices like smartphones, tablets, and desktops.

SPORTSBROS. – www.sportsbors.surge.sh

- 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.

GITFIT – <https://github.com/DerekDunlap/GitFit>

- 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.

WORK EXPERIENCE

UPS – *Sandy Springs, GA*

08/2022- 08/2024

Industrial Engineering Specialist

- Directed two consecutive semesters of interns for the Forecasting & Planning Team during the continued development of the Interactive Operations Planner (I.O.P.) application after one month of accepting a full-time position following the conclusion of the internship.
- Leveraging historical data points and recent volume trends, I forecasted the call and email volume for six different networks at the 4-, 8-, and 13-week forecasts, resulting in cost savings of approximately \$5.4M.

Derek Dunlap
UPS – Sandy Springs, GA

609.571.6096
05/2022 – 08/2022

Industrial Engineering Intern

- Converted the GBS IOP and GBS IOP Installer applications into executable files using PyInstaller, documented the instructions on the process to allow the GBS Department to release faster updates, reducing the time to redeploy the desktop application by one hour.

United States Marine Corps - Miramar, CA

12/2017 – 12/2018

Quality Assurance

- Inspected the successful completion of 500+ hours on avionics electrical systems by visually validating the proper test procedures for intermediate-level maintenance, resulting in rapid turnaround times for mission-critical items supporting flight operations.
- Trained fellow employees in safety regulations as stated by COMNAVAIRFORINST 4790.2C by conducting classroom setting technical training, resulting in 13 employees obtaining CDI qualifications and zero safety-related mishaps.

United States Marine Corps - Miramar, CA

12/2017 – 12/2018

Avionics Technician

- Performed 830+ maintenance hours on complex electronic subsystems by testing, analyzing, and troubleshooting on various hardware components resulting in the successful completion of 450+ maintenance tasks.
- Developed technical proficiency on a vast scale of electrical components and subcomponents aiding in the support of 10+ flight units to accomplish daily flight assignments.

EDUCATION

University of Arizona - Tucson, AZ

Bachelor of Applied Science – Applied Computing, May 2026

DigitalCrafts – Atlanta, GA

Coding Bootcamp Cohort Graduate – Web Development, October 2021

PROFESSIONAL SKILLS

- C/C++, C#, Java, JavaScript, TypeScript, Python, PHP, Dart, PostgreSQL
- HTML, CSS, RESTful APIs – skilled in front-end and back-end development.
- Object-Oriented Programming (OOP), JSON – strong foundation in scalable software architecture.
- Git, GitHub – experienced in managing repositories and collaborative development.
- Leveraged historical data to optimize operational efficiency, achieving multi-million-dollar cost savings.
- Streamlined projects by reducing redundant code, improving readability, and enhancing maintainability.
- Directed intern teams, fostering innovation and collaboration in software development.