

# D'Ante C. Dean

dantedean.3@gmail.com | (360) 670-4692 | Salem, Oregon  
GitHub: github.com/dantedean3 | Portfolio: dantedean3.github.io

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## Professional Summary:

Software engineer with experience delivering production web applications, client project websites, automation scripts, and data-driven systems across academic and business environments. Proven ability to take ownership of features end-to-end, improving system performance, data accuracy, and operational efficiency. Experienced working in existing production codebases and greenfield projects using PHP, Python, Rust, SQL, and R, with a focus on measurable impact and maintainability.

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## Education:

<b>Bachelor of Science in Computer Science</b> , Willamette University	Aug 2023 - Dec 2025
<b>Bachelor of Science in Data Science</b> , Willamette University	Aug 2025 - May 2026
<b>Associate of Arts and Communication w/ Honors</b> Peninsula College	June 2023

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## Relevant Professional Experience :

<b>Student Assistant Coach</b> , Willamette University Men's Basketball, Salem, OR	Oct 2025 - Present
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- Mentor current players, fostering leadership and discipline within the program.
- Use video analysis and statistical breakdowns to identify player performance trends.
- Assist coaching staff with practice planning, game strategy, and opponent analysis.

<b>Web Development Intern</b> , Willamette Integrated Technology Services; Salem, OR	May 2025 - Present
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- Built and maintained backend PHP features for internal university systems supporting 300+ faculty, staff, and administrators per term, improving reliability of daily administrative workflows.
- Designed and implemented admin tooling for student group management, reducing manual roster verification and administrative review time by ~30–40%.
- Refactored legacy PHP code and resolved performance bottlenecks that caused slow page loads and request timeouts, improving response times for large group queries by ~25%.

<b>Maintenance &amp; Operations Support</b> , Willamette University, Salem, OR	Oct 2023 - July 2024
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- Supported facilities data tracking through digital maintenance logs and task reporting.
- Operated power tools and coordinated setup for university events and projects.
- Assisted in streamlining inventory and equipment management using shared databases.

<b>Data &amp; Technology Specialist</b> , Fred's Trucking, Nassau, Bahamas	Summer 2022, 2023
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- Built Excel dashboards tracking shipment volume, fleet utilization, and delivery timelines across dozens of weekly shipments, improving operational visibility.
- Developed Python scripts to support GPS-based route optimization, reducing inefficient routing and estimated delivery delays by ~10–15%.
- Digitized paper-based inventory and dispatch logs, increasing reporting accuracy and reducing manual data entry time by ~40%.
- Supported leadership in evaluating and adopting software tools for logistics and inventory automation.

<b>Digital Transformation Specialist</b> , Novio Group	Summer 2021, Spring 2025
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- Implemented CMS-driven content management, enabling non-technical stakeholders to update site content independently and reducing ongoing maintenance requests by ~50%.
- Automated marketing and internal workflows using Zapier and Clay, reducing repetitive manual tasks and turnaround time by ~35–45%.

- Iterated across multiple client feedback cycles to deliver production-ready websites aligned with business goals and branding requirements.

## **Academic Projects**

### Systems Programming – Willamette University

- Built a mock deployment pipeline for a Python application, simulating real-world CI/CD workflows.
- Developed C-based command-line tools handling file I/O, memory management, and process execution.

### Production Project Websites - Client Work

- Delivered client-facing project websites, managing design, implementation, and deployment from start to finish.
- Built responsive layouts and CMS-based content updates to support maintainability by non-technical users.
- Coordinated requirements and feedback cycles to ensure successful, on-time launches aligned with client needs.

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## **Skills:**

**Languages:** Python, PHP, Rust, Java, C, SQL, R

**Web & Automation:** HTML/CSS, WordPress, React, Zapier, Clay

**Tools:** Git, Data Analysis & Visualization, Microsoft 365, Google Workspace