Steven Dindl

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Education

University of South Carolina May 2026

Bachelor of Science in Computer Science, Concentration in Artificial Intelligence

- Research interests: natural language processing, heuristic algorithms, applied ML for clinical practices

Experience

Data Operations Intern Oct 2024 – Present

Integer Technologies LLC *Columbia, SC*

- Annotate extensive training data to ensure data quality in CNN-based object detection systems
- Collaborate with engineers to optimize annotation workflows and increase data throughput
- Improve metric collection and tooling for an open-source annotation software written in Python

Robotics Technician Feb 2025 – June 2025

Starship Technologies Inc. *Columbia, SC*

- Repaired autonomous food delivery robots, raising operational fleet health from 54% to 80% within one month by optimizing common repair workflows
- Identified failure patterns through data analysis, enabling faster and more effective repairs

Projects

Data Annotation Tools | *Python, C++, OpenCV, CMake*

- Developed a Python script using PIL and OpenCV to generate videos from annotated data for efficient labeling error detection
- Kick-started a standalone prototype application in C++ to rebuild the video generator with more robust features, utilizing CMake for cross-platform development and Conan for dependencies

Foreign Language Learning App | *Java, JavaFX, CSS, JUnit, Git*

- Led development of a JavaFX-based application, contributing 10K+ lines of code, conducting team code reviews, and implementing unit tests for a full demo with AWS-integration and a CSS styled UI
- Coordinated closely with project management to align technical execution with project goals, resulting in efficient team collaboration and timely deliverables

Skills

Languages: C/C++, Python, Java, Lua, Scala, Haskell, SQL, Bash, R
Frameworks/Tools: GitHub, Git, VS Code, Excel, Jira, Confluence, Slack, MySQL
Core Competencies: Object-Oriented Programming, Design Patterns, Time Complexity, Debugging, Version Control, Unit Testing, Multithreading, Functional Programming

Coursework

Programming: Advanced Programming, Algorithmic Design, Software Engineering, Data Structures
Systems/Hardware: Computer Networks, Operating Systems, Computer Engineering, Logic Design
Mathematics: Discrete Structures, Calculus, Vector Calculus, Statistics, Applied Linear Algebra