

# Steven Dindl

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## EDUCATION

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### 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

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### 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

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### 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

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**Languages:** C++, Python, Java, Lua, C, Scala, Haskell, SQL, Bash, R

**Software/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

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**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