Steven Dindl

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EDUCATION

University of South Carolina Expected May 2026

Bachelor of Science in Computer Science, Concentration in Artificial Intelligence *Major GPA: 3.68*

- Courses: Adv. Programming, Data Structures, Networks, Software Engineering, Discrete Math, Linear Algebra
- Involvement: AspireAI LLM Project Researcher, Carolina Jiu Jitsu & Judo Club, Gamecock Wrestling Vice-President

EXPERIENCE

AI Research Assistant July 2025 – Present

USC University Libraries *Columbia, SC*

- Drive data preparation and fine-tuning workflows for large language model (LLM) development, executing the core research, programming, and testing required to support the eventual launch of a chatbot
- Filter and clean semi-structured Excel metadata using Python, Pandas, and Jupyter for quality LLM training inputs
- Leverage generative AI (Claude, ChatGPT) with prompt engineering to speed development with quality code
- Collaborate with researchers and staff to define ML use cases and workshop integration of LLMs like ChatGPT into OCR and supervised learning tasks

Data Annotator Oct 2024 – Present

Integer Technologies LLC *Columbia, SC*

- Produce high-quality annotated datasets, improving object detection accuracy for computer vision systems
- Collaborate with engineers to optimize annotation workflows and increase data throughput
- Enhanced an open-source software by contributing bug fixes and data metric collection features in Python and QT

Robotics Technician Feb 2025 – Present

Starship Technologies Inc. *Columbia, SC*

- Repair electrical and mechanical systems of autonomous delivery robots to maintain reliable service operations
- Analyze repair logs to identify recurring failures, shortening diagnostic time and improving repair reliability
- Raised operational fleet health from 54% to 80% within one month by optimizing reoccurring workflows

PROJECTS

Structured Data Evaluation Tools | *Python, C++, OpenCV, CMake*

- Developed a Python script using PIL and OpenCV to generate videos from image and JSON data for efficient labeling error detection, supporting team annotation efforts
- Kick-started a standalone application in C++ to rebuild the video generator with more robust features, leading to a pivot towards team wide development, implementing similar features within the actual annotation software

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

- Led development of a JavaFX-based application, contributing 10K+ lines of quality 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

Programming Languages: Python, C++, Java, Lua, C, Scala, Haskell, SQL, Bash, R
Tools & Technologies: Git, GitHub, VS Code, Jupyter, Excel, Jira, Confluence, Slack, Teams, PyTorch, MySQL
Core Competencies: Object-Oriented Programming, Functional Programming, Design Patterns, Time Complexity Analysis, Code Debugging, Unit Testing, Version Control, Verbal Communication, Team Collaboration, Adaptability