Steven Dindl

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EDUCATION

University of South Carolina   Expected May 2026
Bachelor of Science in Computer Science   Major GPA: 3.68/4.00
- Courses: Advanced Programming, Calculus, Computer Engineering, Computer Networks, Data Structures & Algorithms, Digital Logic Design, Intro to Artificial Intelligence, Operating Systems, Statistics, Software Engineering

EXPERIENCE

Software Developer   Sept 2025 – Present
USC Linguistics Program   Columbia, SC
- Developing a dashboard to analyze lexical data from dictionaries, fetching metadata with APIs and web scraping
- Automating scraping in Python / Flask back-end, integrating with TypeScript front-end, deploying with electron
- Developing algorithms with guidance of non-technical advisors, packaging as an open-source Python library
- Optimize algorithms by programming high compute math in C, extending Python code with Cython / CMake

Research Assistant   July 2025 – Present
USC University Libraries   Columbia, SC
- Developer and data engineer on the AspireAI LLM Project, handling programming and data manipulation
- Cleaning CSV metadata with Pandas and Regex in Jupyter, handing off data subsets to AI model trainer
- Collaborate with technical and non-technical staff to define project directions and communicate outcomes
- Plan overarching technical solutions and present to project leads and stakeholders for confirmation

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, raising operational fleet health from 55% to 85% under 4 weeks
- Work with worldwide cross-functional teams, coordinating across time-zones and various technical levels

Data Annotator   Oct 2024 – Present
Integer Technologies LLC   Columbia, SC
- Produce annotated datasets, improving object detection accuracy for computer vision systems
- Track progress and metrics in Excel, providing an overview on data status to managers and ML engineers
- Enhanced an open-source software, contributing bug fixes and implementing data QA features in Python / Qt

PROJECTS

Large Language Model Chatbot   July 2025 – Present
- Implemented cleaning workflow, referencing open-source projects to inform development
- Developed a JavaScript UI, creating an open-ended design to allow for flexibility in back-end implementation
- Supporting efforts to iterate upon the model, implement RAG, and determine cost-effective deployment

Foreign Language Learning App   Aug 2024 – Dec 2024
- Built a full-stack Java application, integrating a JavaFX front-end and delivering 10k+ lines of code
- Managed team coordination using AGILE (SCRUM) methodology, holding weekly stand-ups and code reviews
- Created unit tests, managed packages with Maven, and implemented AWS for specialized functionalities

SKILLS

Languages: Python, C++, Java, C, Bash, R, JavaScript, LaTeX
Softwares: Jupyter, Atlassian (Jira & Confluence), Teams, Slack, PowerPoint, Figma