David Geddam

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Objective

Sophomore Computer Engineering student with a demonstrated passion for Generative Artificial Intelligence, keen interest in LLMs and Multimodal AI. Seeking AI internships, proven ability to troubleshoot hardware and software issues.

Education

- **Bob Jones University** — Greenville, SC
  Bachelor of Engineering in Computer; GPA: 2.87 — *Aug 2023 – Exp. May 2027*

Experience

- **Forage** — Greenville, SC
  Job Simulation — *May 2025 – Present*
  - **Deloitte, Tata, Datacom**: Completed several job simulations in patnership with Deloitte, Tata, Datacom, each providing hands-on experience with key technologies, software principles, inlcuding exploratory data analysis. Used key software methodologies, including debugging code, prediciting deliquency with AI, and implementing AI - driven strategies.
- **Bob Jones University** — Greenville, SC
  Technician and Training Assistant — *May 2025 – Present*
  - **Technician – Audio Visual**: Provided AV technical support for campus-wide events, troubleshooting hardware and software issues, ontributing to a 25% increase in system uptime through effective troubleshooting. Also gained hands-on experience with Extron's Software Tools, enabling the creation of user-friendly AV control interfaces and boosting operator efficiency by 20%.
  - **Training Assistant – Arduino Computer Engineering Camp**: Taught middle and high schoolers about Arduino Programming, giving them hands-on experience with hardware and software projects, effectively giving them a better understanding about Arduino.

Projects

- **LLM Benchmark Visualizer [GitHub]**: Interactive web app using Streamlit and Python to visualize and compare the performance, price, and speed of large language models.
- **VisiGen- AI Image Generator [GitHub]**: Desktop application built with JavaFX that leverages the Stable Diffusion API to generate high-quality images from natural language prompts.
- **CO2 Emissions Dashboard [GitHub]**: Interactive data visualization dashboard using Python to analyze and explore global CO_2 emission trends from 1750-2020.
- **Cuatros-Tetris-Inspired Game [GitHub]**: A fully responsive Tetris-inspired game developed with Java and JavaFX, featuring intuitive controls and multiple screens to enhance user engagement.
- **Image-Enabled Weather Balloon [LinkedIn]**: Designed and implemented a cost-effective, robust tracking system for a weather balloon, integrating APRS transmitters and GPS to achieve 100% tracking accuracy for up to 48 hours.

Skills

- **Languages**: Python, Java — **Technologies**: Git, Github, Jupyter, Hugging Face