SAHIL SINHA

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EDUCATION

Arizona State University   Tempe, AZ
*B.S Computer Science **GPA- 4.0***   *Aug 2022 – May 2026*

EXPERIENCE

Teaching Assistant   Jan 2024 – Present
Arizona State University   *Tempe, AZ*
- Led group labs for 50+ students, teaching critical programming concepts in Linux, C, and C++ such as memory management, data structures, and debugging, to strengthen foundational software engineering skills.
- Mentored students in debugging and troubleshooting code, providing guidance on problem-solving and coding best practices, which improved student code quality and confidence.
- Organized and led workshops on advanced debugging, Rust, and C++ code challenges, fostering collaborative learning and technical growth among students.

Intern   June 2025 – July 2025
Capgemini America   *Philadelphia, PA*
- Produced technical coaching materials for client teams, supporting agile adoption and smoother integration with development processes and tools
- Improved visibility into sprint progress by identifying inconsistencies in weekly agile tracking data and enhancing report accuracy, laying the groundwork for future automation
- Architected an AI solution aimed at improving customer experience by developing a prototype during a case study to demonstrate feasibility and impact

PROJECTS

verbalist | *Python, Flask, React, PostgreSQL, Docker*   June 2020 – Present
- lorem ipsume

say-hi | *Python, Flask, React, PostgreSQL, Docker*   June 2020 – Present
- lorem ipsume

mpac | *Python, Flask, React, PostgreSQL, Docker*   June 2020 – Present
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TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks & Libraries: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse