SAHARSH GOENKA

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EDUCATION

Arizona State University — Aug. 2021 - May 2025
Bachelor of Science in Computer Science | Concentration in Software Engineering — Tempe, AZ
- **Current GPA:** 4.22/4.00 - Dean's List (all semesters)
- **Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Database Management, Distributed Software Development, Operating Systems, Object-Oriented Programming, Discrete Math Structures

TECHNICAL SKILLS

Languages: Python, C/C++, Java, Javascript, PostrgreSQL, SQL, HTML, CSS
Frameworks and Libraries: Snowflake, Boto3 (AWS Lambda, S3 & SES), Flask, Pandas, MatPlotLib, NumPy, Next(.js), React(.js), Prisma, Selenium, Puppeteer

PROFESSIONAL EXPERIENCE

Software Engineer (MTS) Intern — May 2024 - Aug. 2024
Nutanix — San Jose, CA
- Built a notifications framework to provide customers with key insights to increase customer engagement
- Researched data visualization techniques to showcase product value and increase product renewals

Software Development Intern — Jan. 2024 - May 2024
SolarSPELL Initiative — Tempe, AZ
- Implemented features for SolarSpell's Library Management System using React.js, Django, and PostgreSQL
- Conducted user research, refined project requirements, and delivered organization-wide presentation

Undergraduate Researcher — Sep. 2023 - Present
PERSUE: Private, Reliable, and Secure Computing Lab at Arizona State University — Tempe, AZ
- Analyzing privacy data collection by apps to identify trends in emerging app marketplaces (Zoom, OpenAI)
- Utilizing web scraping tools to aggregate app privacy data and generate insights on app privacy policy changes

Microsoft Learn Student Ambassador — Oct. 2022 - May 2024
Microsoft — Tempe, AZ
- Hosting workshops to introduce peers to Machine Learning and Azure technologies such as Custom Vision

SELECT TECHNICAL PROJECTS

ML Powered File Search Engine | *Python, Flask, Java, Springboot, Elastic Search, Javascript, React.js* — 2023
- Co-led team at hackathon to develop ML Powered Search Engine for Non-Profit Preservation of the Fox Valley
- Used 5 ML models from Hugging Face to generate descriptive titles and 10 tags for text, image, and video files

Social Media Site - TwitFace | *PostgresSQL, Python, Flask, HTML, CSS* — 2023
- Developed a social media site which is a mashup of Twitter/Facebook and used PostgreSQL database
- Created pages for the user to register, post tweets with pictures, post comments, and edit their account settings

Custom Vision Web App | *Azure Custom Vision, Python, Flask* — 2023
- Developed dog-breed classification ML model in Azure Custom Vision by uploading and tagging training images

Zoom Marketplace Data Collection | *Javascript, Node.js, Puppeteer, Nodemailer, Linux* — 2023
- Developed a data collection framework, showcasing proficiency in web scraping and data extraction techniques
- Implement a robust and efficient data collection system, contributing to privacy-related research initiatives

ASU Open Seat Notifications | *Javascript, Node.js, Puppeteer, Twilio, Oracle Cloud Infrastructure, Git* — 2022
- Logged class seat data from the ASU Class Search page by utilizing the Puppeteer library

Stock News Data Scraper | *Java, Selenium, ApachePOI, Maven, Git* — 2021
- Scraped bank analyst upgrade and downgrade data from a stock news site utilizing the Selenium library

ACTIVITIES

Co-Lead Director | *sunhacks* — Aug. 2022 - Present
- Managing a team of 20 organizers and $40,000 budget to host the largest hackathon in Arizona with 500 attendees

Industry Relations Officer | *Software Developers Association* — Jan. 2024 - May 2024
- Bringing new sponsors, managing meetings with industry speakers, and maintaining relationships with companies