

# Resume - Sarah Johnson

Sarah Johnson

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## EDUCATION

University of North Texas, Denton, TX

Bachelor of Science in Computer Science

Expected Graduation: May 2025

GPA: 3.8/4.0

Relevant Coursework: Data Structures, Algorithms, Database Systems, Machine Learning, Software Engineering

## TECHNICAL SKILLS

- Programming Languages: Python, Java, JavaScript, C++, SQL
- Web Technologies: React.js, Node.js, HTML5, CSS3, Django
- Tools & Platforms: Git, Docker, AWS, Linux, VS Code
- Databases: MongoDB, PostgreSQL, MySQL
- Other: REST APIs, Agile Development, Unit Testing, CI/CD

## EXPERIENCE

Software Development Intern | TechCorp Solutions, Dallas, TX

May 2023 - August 2023

- Developed and maintained RESTful APIs using Django REST framework, serving 10,000+ daily users
- Implemented automated testing procedures reducing bug detection time by 40%

## Resume - Sarah Johnson

- Collaborated with a team of 5 developers using Agile methodologies and Git version control
- Optimized database queries resulting in 30% faster response times

### Research Assistant | UNT Computer Science Department

September 2022 - Present

- Assisted in developing machine learning models for natural language processing tasks
- Implemented data collection and preprocessing pipelines using Python and Pandas
- Contributed to a research paper on sentiment analysis techniques
- Mentored 3 junior students in programming concepts

## PROJECTS

### Smart Campus Navigation App

Team Lead | January 2023 - April 2023

- Led a team of 4 to develop a mobile app for campus navigation using React Native
- Implemented real-time location tracking and route optimization algorithms
- Integrated with university API for building and event data
- Achieved 90% user satisfaction in beta testing

### Automated Resume Parser

Personal Project | October 2022

- Built a Python application using NLTK and spaCy for extracting key information from resumes
- Implemented PDF parsing and JSON output functionality
- Achieved 85% accuracy in identifying relevant skills and experience

## ACTIVITIES & LEADERSHIP

## **Resume - Sarah Johnson**

- UNT Computing Society: Vice President (2023-Present)
- Women in Computing: Active Member
- Hackathon Participant: 1st Place, UNT CodeChallenge 2023
- Peer Tutor: Computer Science Department (2022-2023)

### **CERTIFICATIONS**

- AWS Certified Cloud Practitioner
- MongoDB Basic Certification
- Google IT Automation with Python Professional Certificate

### **AWARDS & ACHIEVEMENTS**

- Dean's List: Fall 2021 - Present
- Outstanding Sophomore in Computer Science Award
- National Merit Scholar