

Girik Manchanda

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SUMMARY

Computer Science junior with 3 years of experience, including internships in software development and problem-solving. Proficient in Python, Django, and building scalable solutions, with a strong passion for innovation and collaboration

EDUCATION

B.S. Computer Science Expected May 2026
Arizona State University, Tempe, AZ 3.45 GPA

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C/C++, Bash

Front-End: HTML, CSS, React.JS, Vue.JS, Bootstrap, Tailwind

Back-End: Django, Django Rest Framework, Flask, FastAPI, Node.JS, Express.JS

Tools, Databases, and OS: MySQL, PostgreSQL, Heroku, Digital Ocean, Git, GitHub, Windows, MacOS, Jira, Postman, Docker

PROFESSIONAL EXPERIENCE

Arizona State University, Tempe, AZ: Software Developer: Remote 02/2024 - Present

- **Architected and developed a web-based annotation platform**, building robust APIs and enabling users to tag texts, create relational statements, and contribute to the epistemic web, enabling collaborative research.
- **Streamlined multi-channel data handling** by integrating middleware for efficient data processing, implementing real-time updates, and enhancing the platform with multi-level authentication for users and admins.
- **Designed an intuitive user interface** for seamless navigation, improving user experience

Ampcus, Chantilly, Virginia: Software Engineering Intern: Remote 06/2024 - 08/2024

- **Contributed to front-end development** projects for high-profile clients, including **Amazon and DC Water**, utilizing Next.js, React, Redux, and Tailwind CSS to deliver dynamic, responsive, and user-centric web applications.

Jamecho Edu2Fly, Delhi, India: Technical Officer: On-Site 05/2023 - 08/2023

- Worked with a team of four in **developing a MERN Stack-based career counseling software** that incorporated a psychology-informed algorithm to provide tailored career recommendations.
- Developed a **Django based university recommendation software** that used a sophisticated profile evaluation algorithm.
- Played a key role in end-to-end project delivery, collaborated with cross-functional teams, and effectively communicated technical concepts to stakeholders.
- Assisted Interns by crafting roadmaps for Front-End Development.

Primus Software Corporation, Noida, India: Software Engineering Intern: Remote 06/2021 - 01/2022

- **Developed APIs using Django and REST frameworks** to integrate machine learning models gaining hands on experience in Machine Learning fundamentals.
- Built a **web crawler to extract contact information** from websites using BS4, Selenium and Django

RELEVANT PROJECTS

Assigno: Hackathon Winner: Tools: Django, HTML, CSS, JavaScript, PostgreSQL Winter 2021

- **Developed a student dashboard**, featuring note-taking, assignment storage, a reminder system, and a social media-like forum. Contributed to backend development and designed a custom CSS library to ensure a consistent and responsive user interface.

Equipo: Hackathon Winner: Tools: Django, HTML, CSS, JavaScript, API Integrations Summer 2021

- **Designed and Developed a web based employee management** system with features like task management and tracking, deadline management, collaboration tools and multi-level user authentication and role assignments.

The Arcade, Class Project: Tools: Python, Tkinter, Pygame, Threading, Mutagen Fall 2020

Led the development of a gaming app "The Arcade," featuring Space Invaders, Ping Pong, Flappy Penguin, and a jukebox with manual MP3 control.

VOLUNTEER WORK

Welfare Home For Children: Delhi, India: On-site 01/2021 - 03/2021

- Assisted with special events and programs while maintaining a clean, neat, and operational facility. Supported an engaging, smooth-running environment while educating young children.

EXTRACURRICULAR ACTIVITIES

Software Developers Association, Tempe, AZ 08/2022 - Present

- Attended weekly meetings to gain experience in Computer Science and Software Engineering related topics

ASU Squash Club, Tempe, AZ 08/2022 - Present

- Played weekly Squash Fixtures and represented Arizona State University in local Squash Tournaments.