

Zohaib Ansari

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EDUCATION

Georgia State University - College of Arts and Sciences

Atlanta, GA

Bachelor of Computer Science

December 2024

Major: Computer Science

Cumulative GPA: 3.36

Scholarships: Hope Scholarship

Relevant Coursework: Data Structures, Design & Analysis: Algorithms, System Level Programming, Computer Org & Programming, Programming Language Concepts, Web Programming, Data Mining, Fundamentals of Cybersecurity, Theoretical Foundations of Computer Science, Principles Computer Programming, Principles of Computer Sciences II, Probability & Stats for CSC, Calculus of One Variable I, Calculus of One Variable II

Online Courses: Java Programming Masterclass (Tim Buchalka), Deep Dive into Data Structures and Algorithms (Tim Buchalka), Intro to Data Structures and Algorithms (Grow with Google), The Complete Python Bootcamp from Zero to Hero (Jose Portilla).

Awards & Honors: Georgia State University Dean's List 2020-2023

WORK EXPERIENCE

ADP (Automatic Data Processing)

Alpharetta, GA

Position: Quality Assurance Associate

December 2022

Description: Collating various types of payroll and tax reports using systematic and visual control standards to validate all output media components included in the individual packaging is accurate and delivered to clients on time.

PROJECTS

YelpCamp (Full-Stack Web Application)

- Yelp Camp is a web application designed for campground enthusiasts and adventure seekers. It allows users to explore, discover, and share information about various campgrounds.
- Built the server-side with Node.js and Express.js for routing and handling HTTP requests, Implemented a MongoDB database with Mongoose for efficient data storage. Integrated Passport.js for user authentication and authorization. Designed RESTful routes for campground and review management.
- Designed and styled the user interface using HTML, CSS, and Bootstrap. Enhanced user experience with JavaScript for client-side interactivity. Utilized EJS templating for dynamic content rendering.
- Implemented Passport.js for user authentication, allowing secure login and registration. Stored user data and authentication state using sessions. Employed data validation and sanitization to prevent common security vulnerabilities. Hashed and salted user passwords for secure storage.

SmartBrain (Full-Stack Web Application)

- full-stack project designed to showcase cutting-edge technology in web application development. An AI-powered application that enables users to upload images, and the AI then identifies and highlights human faces within these images.
- The user interface is built with modern front-end technologies like ReactJS and tachyons. It includes a user-friendly image upload interface, real-time display of AI analysis results, and a dashboard for tracking user activity.
- The server side is built using Node.js and Express.js. It integrates with an AI service for face detection and manages user authentication and data storage.
- The application uses a relational database like PostgreSQL to store user data, including user profiles, authentication details, and image upload history.
- The application integrates Clarifai API for facial recognition. The AI service analyzes it and returns coordinates for any faces detected. The front-end then uses these coordinates to draw bounding boxes around the faces in the image.

Weather Application

- Created a Web Application that allows users to view the weather, wind speed, and humidity in any city.
- Designed a front-end using CSS stylesheets and JavaScript framework to create interactive user interface by manipulating the DOM.
- Fetched data from API with AXIOS to get the data for the application.
- Created error handling with try and catch method and made corresponding interface.

SKILLS

- Java, Python, JavaScript, React, Node, Express, MongoDB, AXIOS, C++, x86, SASS, HTML5, CSS, EJS, PostgreSQL.
 - Object-Oriented-Programming, Data Structure and Algorithms.
 - Problem Solving, Analytical, Logical Thinking skills.
 - Excellent written and verbal communication, Active listening skills, Teamwork.
 - Coachable and Eager to learn.
 - Customer service and Customer experience-oriented.
 - Fluent in Hindi and English, intermediate in Spanish.
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