

Dorsa Ajami

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Education

Georgia Institute of Technology – Atlanta, GA

Bachelor of Science in Computer Science – December 2024

Georgia State University–Alpharetta, GA (2020-2021): Freshman STEM Student Scholar award, Fifth Place Winner AMAYTC

Competition Round 1, Dean's list, Phi Theta Kappa member

Skills

Programming Skills: Java, JavaScript, HTML/CSS, C, Python, SQL, Angular, Jenkins, Data Structures

Leadership

Business Club

Secretary treasurer · Aug 2021 - Jan 2022

- Coordinated club activities, managed finances, and created PowerPoint presentations for events.
 - Organized guest speaker sessions, inviting business owners to speak to students about business management.
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Work Experience

Software developer Intern (python, Jenkins, angular)- May 2024 to August 2024

ADP- Management services company

- Designed and implemented a Webex notification bot that automatically sends reminders to developers about upcoming team meetings.
 - Developed and deployed APIs using FastAPI in Python to manipulate and manage company dataset data.
 - Resolved UI/UX issues by addressing Jira tickets, and improving the website's user experience and interface design.
 - Developed unit and integration tests across multiple repositories to ensure software reliability and performance.
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Java tutor- September 2022 to current

Tutor.com

- Taught programming concepts and principles specific to the Java programming language and provided guidance on writing Java code, debugging, and troubleshooting.
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Projects

Road-crossing mobile game- java, Android studio

- Implemented fundamental gameplay features, including character movement and basic interactions using java.
 - Designed and implemented user-friendly UI elements, such as score display and level progress indicators and expanded gameplay with additional challenges, such as varying vehicle speeds on roads and different log behaviors in rivers.
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Simple Airline Management System-SQL

- Designed and implemented a normalized database schema with appropriate keys and attributes for effective data tracking.
 - Selected relevant attributes and data types to ensure accurate monitoring of airline usage.
 - Created a user-friendly interface and optimized SQL queries for efficiency.
 - Established robust data tracking mechanisms to enhance data consistency and reliability.
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Sales Tracking Application for BeSpoked Bikes- Angular, Python, SQL

- Created sample data using SQL to test and populate tables for products, sales, customers, and salespersons.
- Wrote APIs for adding, deleting, and searching data, ensuring smooth backend functionality using FastAPI library in python and implemented validation checks to prevent duplicate entries for products and salespersons
- Used Angular to design a user-friendly front end, allowing users to view and interact with the data and tables.