

## Education

**Bachelor of Science in Computer Science**  
Specialized in Intelligent Systems  
Cumulative GPA: 3.864/4

University of California, Irvine  
October 2020 – June 2024

## Technical skills

<b>Programming Languages</b>	Python, Java, JavaScript, HTML, CSS
<b>Dev Tools + Frameworks</b>	React Native, Node.js, Firebase, MongoDB, Git, Figma
<b>Data Analysis Tools</b>	Power BI, Excel, SQL, SAS, Databricks

## Work Experience

**Tata Consultancy Services (TCS)** January 2024 – June 2024  
Software Developer Intern Remote

- Enhanced and extended a Chat AI framework from Hugging Face by implementing a multi-agent architecture to mitigate bias in large language models (LLMs) during synthetic data generation
- Performed in-depth evaluations across diverse LLMs – including Mistral 7B, LLaMA 2, GPT series, and Claude 2 – assessing performance and bias mitigation
- Managed backend operations using MongoDB, ensuring efficient data handling

**University of California, Irvine** October 2023 – June 2024  
Information and Computer Science Tutor Irvine, CA

- Coordinated with a supervisor and 11 other students to provide a free help center for 100+ undergrads who had any questions on course material
- Covered 5+ courses, including Discrete Math for Computer Science, Data Structure Implementation and Analysis, Python Programming and Libraries (Advanced), Programming in Java, etc.

## Projects

**Health20** March 2024 – April 2024  
React Native, Firebase

- Developed a mobile application that improves the user’s sleep schedule, exercise frequency, and hydration level by designing a personalized recommendation system
- Established a backend-to-frontend communication using Firebase for user authorization and storing data, allowing user info to be saved between sessions
- Collected data from phone sensors, user input, and OpenWeather API to provide accurate advice

**MovieShop** April 2024 – March 2025  
Java, SQL, HTML, CSS, JavaScript, Maven, Tomcat

- Designed a web application where users can browse and buy movies
- Engineered and deployed a MySQL database connected to the frontend using Java Servlets, managing 10,000+ movie records and facilitating seamless data retrieval
- Implemented over 20 features, including a cart checkout backed by sessions, full-text search and auto-complete backed by cache, and protection against SQL injection attacks via PreparedStatements

## Certificates/Badges

<b>SAS Programming 1: Essentials</b>	SAS.com	2025
<b>Advanced Software Engineering</b>	Data Structures + Job Readiness	2022