

# ANURAAG DEEPAK

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Highly motivated Computer Science student at Texas A&M University with a keen interest for developing innovative software solutions. Seeking a summer internship to gain practical experience in developing software applications & systems and exploring cutting-edge technologies. Solid background in programming languages such as Python, Java and C++. Excellent analytical and problem-solving abilities, critical thinking, and team work with a passion for continuous learning.

## EDUCATION

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### TEXAS A&M UNIVERSITY

*Bachelor of Science in Computer Science (Major)*  
*Minor in Statistics*

**College Station, TX**

*Anticipated graduation: May 2026*

- **GPA:** 3.7/4.0
- **Relevant Coursework:**
  - Computation (Python)
  - Program Design and Concepts (C++)
  - Discrete Structures for Computing (Discrete math for analyzing computer algorithms)
  - Data Structures and Algorithms
  - Computer Organization (System Design from programmer perspective: Simple logic design, data representation, processor architecture, simple machine level programming)
  - Programming Languages (Java)
  - Introduction to Computer Systems (System support over node/network, Inter-process communication, network programming and simple computer security concepts)
  - Foundations of Software Engineering (Apply Agile approach with Sprints & track progress with burndown charts and build software projects using HTML, CSS, PostgreSQL, React JS)
  - Statistics
  - Law and Policy Cyber Security

## EXPERIENCE

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### R&D Intern at Arkisys, Aerospace Company, CA

June 2023- August 2023

- Arkisys is one of the first business platforms in Space for new Technology hosting, Satellite Integration, Assembly and Resupply. Building the future of space expansion.
- My team was responsible for the mechanical/thermal aspect of the satellite and the business/financial aspect as well.
- I handled the thermal aspect to find the right technology to use in the satellite to prevent overheating.
- Demonstrated ability to manage multiple tasks while remaining adaptable and flexible.
- Responded quickly to meet customer needs and resolve problems.

### Human Resource Administrator at City of Missouri City, Sugar Land, Texas, United States

July 2023- August 2023

- Created and maintained employee records in accordance with HR policies and legal requirements.
- Collaborated with department managers to ensure successful onboarding of newly hired staff members.

- Implemented processes for onboarding new employees including orientation programs and training materials.

## **CERTIFICATION:**

### **101- Introduction to Cluster Computing**

**Summer 2022**

Issued by University of Houston's Hewlett Packard Enterprise Data Science Institute

**AWS Certified Cloud Practitioner Certification** (In progress expected completion Spring 2025)

**ACTIVITIES:** Member of Aggie Coding Club

Learnt something new each week through Workshops

Attended monthly social events

Learnt about companies each week through Company Talks

## **PROJECTS**

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- Wordle Game using Java and Java FX
- Resume using HTML, CSS and JavaScript ([Resume Website](#))
- Create a Point of Sale (POS) Inventory system to reduce overhead, track customer orders to analyze ordering trends and restock inventory. Generate the database residing in AWS using Python script. Evaluate the database system using SQL queries for sales history, peak sales, menu item inventory. Implement a GUI to support customer, cashier and manager for the purpose of submitting orders, updating items, prices, restock inventory, manage employees and create reports. The frontend was designed using React JS for building user interfaces, React Router for navigation between pages. The backend was built using Node JS for server logic and API calls, PostgreSQL for accessing data storage, Axios to handle API requests.

## **ADDITIONAL SKILLS**

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- HTML
- CSS
- Python
- C++
- Java
- React JS
- PostgreSQL
- R Studio
- SymPy
- Git