

Venkatasai Gudisa

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EDUCATION

Bachelor of Science in Computer Science

University of Texas at Dallas • GPA: 3.956

May 2027

Dallas, TX

Relevant Coursework

Data Structures and Algorithms (Spring 2024), Computer Science II – C/C++ (Fall 2023)

Certifications

Java SE Programmer I (Oracle, 2023), UX/UI Design (Google, 2023), Excel 2019 Associate (Microsoft, 2023)

EXPERIENCE

Assistant Technical Lead

Nebula Labs Degree Planner

August 2023 – Present

Dallas, TX

- Created a robust platform that allowed students to plan their degrees at UTD that supported 10+ majors
- Resulted in 1000+ users on the platforms after launch during registration season
- Used TypeScript and React.JS to create a drag-and-drop feature that allowed users to select courses effectively
- Collaborated with 8 other engineers to create a Python algorithm to validate degrees based on their requirements
- Conducted user interviews and coordinated with Product Team to define pain points and include features that were important to the users

Teacher/Tutor

Plano West

August 2021 – May 2023

Plano, TX

- Tutored 20+ students on Java fundamentals in weekly lessons that included lectures and exercises
- Resulted in a 40% increase of participation in local coding competitions
- Collaborated with a team of 7 other club officers to map out curriculum and competitions for 100+ active members

PROJECTS

CLOV (Create Lots of Value) | TypeScript, CSS

Dec 2023

- Developed a weekly Blog website to Log my journey in Machine Learning and provide a roadmap for users to follow along
- Used TypeScript and CSS to implement a visually appealing and accessible front-end design
- Designed the logo and push weekly updates to the log through GitHub

A Review of Reviews | Python, NumPy, Pandas

Feb 2023

- Analyzed a dataset of movie reviews to find a correlation between certain words in the descriptions and the movie ratings
- Found a list of words with 90% probability of being correlated with a 10/10 review
- Used libraries such as NumPy and pandas to visualize patterns in movie ratings across time in hopes of finding the best words to include in movie descriptions to gain the highest ratings
- Crafted a story of the dataset and walked through it using a Jupyter Notebook

ToolKit | Figma, UX/UI Design

Nov 2023

- Interviewed 8 students and designed a website to suit their needs in their professional journey
- Created a case study for a platform that integrates different competitors such as LinkedIn, Glassdoor, and Indeed into one platform that empowers students in their professional journeys
- Implemented the Design life cycle to produce the best design and implementation for user needs

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, React, HTML/CSS

Frameworks: React, Node.js, JUnit

Developer Tools: Figma, Git, VS Code, Visual Studio, Eclipse

Libraries: Pandas, NumPy, Matplotlib