Venkatasai Gudisa

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EDUCATION

Bachelor of Science in Computer Science   August 2023 - May 2026
University of Texas at Dallas   *Dallas, TX*

Certifications

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

EXPERIENCE

Nebula Labs Degree Planner   August 2023 – Present
Assistant Technical Lead   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

PROJECTS

CLOV (Create Lots of Value) | *TypeScript, CSS*   Dec 2023

- Created a Blog website to Log my journey in Machine Learning
- Post weekly updates on my progress and next steps as well as my thoughts on the topics I learned that week
- Mapped out a curriculum that integrates topics such as Linear Algebra, Statistics, and Multivariate Calculus en route to understanding Machine Learning Algorithms and Models

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 an d walked through it using a Jupyter Notebook

ToolKit | *Figma*   Nov 2023

- Interviewed 8 students and designed a website to suit their needs as students
- 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

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS
Frameworks: React, Node.js, JUnit
Developer Tools: Figma, Git, VS Code, Visual Studio, Eclipse
Libraries: Pandas, NumPy, Matplotlib