ANJAN BELLAMKONDA

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EDUCATION

General Engineering - Computer Science

Virginia Tech

📅 08/2024 - Present

- Related Coursework: CS 1114, MATH 1225, STAT 2004, ENGE 2964(In Progress), CS 2114(In Progress), MATH 1226(In Progress)

EXPERIENCE

Technology Assistant

Easy Stones

📅 06/2024   📍 Norcross,GA

- Assisted in troubleshooting office computers, ensuring smooth operational efficiency and resolving technical issues promptly.
- Conducted data entry tasks using **Excel** and **SQL**, managing and organizing inventory data for improved accuracy and accessibility.

AI/ML Research Assistant - IDPro

Virginia Tech

📅 08/2024 - Present   📍 Blacksburg, VA

- Project Name: AI in Education
- Project Description: The project involved collecting Reddit posts from selected subreddits, filtered by specific date ranges corresponding to significant political events such as the Capitol insurrection, the overturning of Roe v. Wade, and the George Floyd protests. The goal was to analyze these posts and identify spikes in negative sentiment among Republicans using a **logistic regression model**.
- My Duties: I was responsible for collecting historical post data and optimizing the model to achieve the best possible accuracy.

CREDENTIALS

Microsoft Certified: Azure AI Fundamentals - AI 900 (May 2024)

LinkedIn Learning: Building and Deploying Deep Learning Applications with TensorFlow (June 2024)

PROJECTS

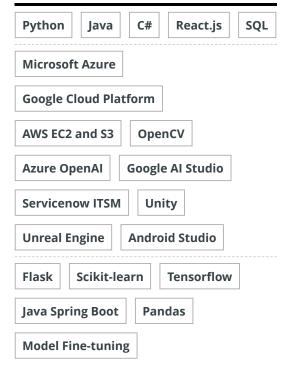### Loan Predictor

📅 03/2024   📍 Suwanee, GA

Leveraged a Kaggle dataset to develop a predictive model for loan approvals, achieving a **65%** accuracy by training a **6-layer TensorFlow sequential model**. Deployed the model via a user-friendly web service using Flask for seamless online interaction.

Warehouse Zip Locator

📅 05/2024   📍 Suwanee, GA

Developed a **Python**-based solution to determine the most efficient hub location among multiple warehouse sites, utilizing **Azure Maps API** for precise distance calculations. This project aimed to identify a central hub that minimizes travel distances across all given warehouse locations, optimizing logistics and reducing operational costs.

TECH STACK

`Python` `Java` `C#` `React.js` `SQL`

`Microsoft Azure`

`Google Cloud Platform`

`AWS EC2 and S3` `OpenCV`

`Azure OpenAI` `Google AI Studio`

`Servicenow ITSM` `Unity`

`Unreal Engine` `Android Studio`

`Flask` `Scikit-learn` `Tensorflow`

`Java Spring Boot` `Pandas`

`Model Fine-tuning`

ACHIEVEMENTS

Best Use of AI - Lambert Hacks(March 2024)

AP Scholar With Distinction Award(July 2024)