IBAD MOMIN

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EDUCATION

The University of Texas at Dallas	Bachelor of Science, Computer Science **GPA:** 3.87/4.0	*December 2024*

Technical Skills

Programming Languages: Java, JavaScript, C++, Python, HTML & CSS
Databases: SQL, MongoDB
Frameworks & Tools: Node.js, Bootstrap, Express.js, React, Microsoft Excel
Other: Project Management, Communication, Problem solving, Data Analysis

SOFTWARE PROJECTS

The Game of Insurance, *HackDFW 2022* (*https://devpost.com/software/insurance-game*) — *Fall 2022*
3rd place State Farm Sponsor Challenge
- Created a website for State Farm that helps users choose the best insurance plan through a game.
- Uses State Farm's API to get insurance plans and rates.
- Designed backend using JavaScript and Express.js and front-end using React.

SearchSourceAI, *AIM Projects* — *Fall 2022*
- Created an AI tool that uses NLP to help programmers look up the answers for an issue using GitHub issues.
- Used Haystack, PyTorch Lightning, AWS Sagemaker, AWS Lambda, and Hugging Face libraries.
- Learned data collection and pre-processing, NLP, and deep learning.

Daily Journal Website, *Personal Project* (*https://ibad-dailyjournal.herokuapp.com/*) — *Spring 2022*
- Created a website that allows me to post blogs and write daily journals.
- Used JavaScript and MongoDB to store and show the blogs posted.
- Designed the front-end using Bootstrap and EJS.

NFDegree, *NEAR Hackathon* (*https://github.com/ibadamomin/NFDegree-1*) — *Spring 2022*
- Built a website that allows college graduates to turn their physical diplomas into a verified NFT.
- Worked with a team of 4 to create a website in 11 hours using AURORA EVM and NEAR Protocol.
- Wrote the program in Solidity and JavaScript and designed using HTML and CSS.

EXPERIENCE

Pioneer Mutual Federal Credit Union – Austin, TX — *June 2022 - August 2022*
Summer Intern
- Performed loan servicing functions to check compliance with applicable terms and conditions.
- Documented $1M+ daily transactions in form of cash and checks to prevent errors.
- Created Excel spreadsheets to manage and maintain the information 300+ accounts, increasing productivity by 15%.

University of Texas at Austin – Austin, TX — *October 2021 – March 2022*
Economics Research Assistant
- Assisted with analysis of 100+ companies in collaboration with Economics department.
- Gathered data from Factiva database about internal and domestic companies and used Pandas to analyze the data.
- Collaborated with team of 5 RAs to automate the data entry process using Python, boosting the efficiency by 20%.

Activities

Artificial Intelligence Society (AIS) – *Technology officer*	*August 2022 – Present*
Association of Computing Machinery (ACM) - *Member*	*August 2022 – Present*
UTD Rugby – *Player*	*August 2022 – Present*