Akassh Shah

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Profile

I am a software engineer and am actively looking for positions that challenge me and teach me new things. I love working with most programming languages and can adapt fairly easily to any setup in organizations of varying sizes.

Experience

Research Assistant | NJIT - Amy Hoover | October 2019 - April 2021
- Developed neural network algorithms to test against existing algorithms.

Manager | Environmental Health & Safety NJIT | October 2018 - April 2021
- Manage database for chemical inventory
- Yearly NJ Department of Environmental Protection filing for chemical inventory
- Optimization of data workflow

Math & Computer Science Tutor | Chegg | September 2016 - January 2021
- Inspire growth and lead to an algorithmic solution

Computer Science Tutor | NJIT | September 2016 - January 2019
- Guide students with solutions to problems I too faced

Projects

Patient & Doctor Portals
- I made a full stack application, using the LAMP stack, for doctors and patient to interact, set appointments, do billing and more

Basket Analysis
- Used the Apriori algorithm to prune and make more efficient making of rules

Project Biome
- Developed a 2D environment to run simulations of certain noise algorithms

AutoEncoder For Image Classification
- Used an evolutionary neural network to that encoded images with a score based on novelty and error

Exam Testing & Online Grading
- I created a portal that allows students to submit programs as for an assignment/exam and the application will run and test the output and score the submissions for the professor

Lexical Analyser
- I created a program that accepts and compiles for a created programming language

Education

Master's in Science | May 2021 | New Jersey Institute of Technology
Major: Computer Science   GPA: 3.6

Bachelor's in Science | May 2021 | New Jersey Institute of Technology
Major: Computer Science   Minor: Mathematics   GPA: 3.5

Skills & Abilities

Python, C++, Java, HTML, Javascript, MEAN, NodeJS, PHP, SQL, Scrum, Agile, R, Linux, Bash, LAMP