

Akassh Shah

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Experience

JP Morgan Chase

Senior Software Engineer

August 2022 - Present

Design and implement micro services to generate time series prediction for historical time series data

Design the architecture for new solutions & features related to treasury services

Drive clients' needs forward, while overcoming or side-stepping obstacles

Implement a non blocking, asynchronous architecture to improve performance

Create custom performance testing suite for ML + Speed optimizations

🔗 <https://www.jpmorganchase.com/>

Lifion by ADP

Application Developer

July 2021 - August 2022

Create a back up restore tool to quickly replicate entire client configurations

Create an authenticated interface to access client information

Maintain and manage micro services in a kubernetes architecture

🔗 <https://lifion.adp.com/>

Amy Hoover

Research Assistant

October 2019 - April 2021

Implement an evolutionary neural network algorithm for testing to generate images based on human selection

Create testing suite for such algorithms to opt for uniqueness

🔗 <http://amykhoover.com/>

Certifications

Cloud Practitioner

AWS

October 2023

🔗 <https://aws.amazon.com/certification/certified-cloud-practitioner/>

Projects

Patient Doctor ERM

Software Engineer at a startup

Full stack application for allowing doctors & patients to interact with options for plugins, such as auto scans for certain reports with ML predictions based on reports for the doctors to review.

ML, ERM, Startup

Remote Machine Operation

Develop a mobile client & a low level machine executor to control and operate machinery over the network with analytics and real time feedback sent to the client.

C, Assembly, Android

Code Analysis Portal

Tech lead of a small team that created a portal for user-submitted code to run in a safe environment and to analyze the code. Similar to other portals, this portal was able to rank submitted code based on accuracy, memory usage & time taken to compile and/or run.

Sh, Docker, Containerization

Education

New Jersey Institute of Technology

Computer Science

Master's of Science

🔗 <https://www.njit.edu/>

New Jersey Institute of Technology

Computer Science

Bachelor's of Science

🔗 <https://www.njit.edu/>