Aadil Glasswala

Bogota, NJ 07603
201.214.8385
aglasswala@gmail.com
github.com/aglasswala
linkedin.com/in/aglasswala

Education

Sep 2016 -
May 2020
Computer Science, *Montclair State University*, Montclair, NJ.
- Computer Club, lead organizer of the Montclair's annual HackHawk.io Hackathon
- Blockchain Club, founding member

Experience

Jun 2018 –
Present
Assistant Researcher, *Department of Computer Science*, Montclair, NJ.
- Devised main Deep Feedforward Neural Network to accurately detect up to four intrusions on network time series data with a 98% verification score
- Designed multiple Recurrent Neural Networks for classification and regression tasks with Google's Tensorflow and Keras API with Jupyter Notebook and Python
- Expedited development of algorithm by gathering large collections of viable datasets and preprocessing data for training and testing

Jul 2016 –
Present
Formalwear Specialist, *Dante Tuxedo*, Verona, NJ.
- Developed system in Javascript to keep track of employee hours by sending out daily messages using Twilio's API and storing data in Google Sheets with daily and bi-weekly alerts
- Reduced hour logging errors by 95% and currently being used by all employees
- Streamlined IT operations across 3 different store locations; created a network of printers, cash registers and other devices that enhanced operations by reducing technical-related downtime

Skills

Languages: Java, Python, Javascript, HTML, CSS

Tools: React.js, Node.js, Express.js, PostgreSQL, Git/GitHub

Projects

Aug 2018 -
Nov 2018
Face Detection App, *Personal*.
- Engineered full stack website using React, Node, Express and PostgreSQL. The application allows users to submit a url of an image and returns a picture with all faces identified
- Incorporated Clarifai API that receives the url and sends back coordinates for each face location
- Implemented features such as tracking entry count, a full login and registration system which utilizes Bcrypt to hash passwords before storing in PostgreSQL database

Aug 2018 -
Oct 2018
Turtle Traveler, *Personal*.
- Developed frontend website using HTML, CSS and Bootstrap 4 where users could select given airports and find the shortest distance from each entry point
- Utilizes Dijkstra's algorithm in Javascript and outputs path to dynamic Bootstrap cards with real world pictures and flight information

Nov 2018
StudyWITus, *HackWITus, Hackathon*.
- Constructed full front end web application incorporating Bootstrap 4 and Javascript. The app allows students to set up specific study sessions with other students all around campus
- Led a team of four others to develop system within a 24 hour time frame and place 2nd