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# Aadil Glasswala

## Education

- Sep 2016 - **Computer Science**, *Montclair State University*, Montclair, NJ.
- May 2020
- Computer Club, hosts of the annual HackHawk.io
  - Blockchain Club, founding member
  - Relative Coursework: Software Engineering, Data Mining, Computer Networks

## Skills

Languages: Java, Python, Javascript, HTML, CSS

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

## Projects

- Aug 2018 - **Face Detection App**, *Personal*.
- Nov 2018
- Engineered full stack website using React, Express and PostgreSQL
  - Incorporated Clarifai API to detect faces on any image
  - Implemented features such as signin/signout and updated entry count for each user
- Aug 2018 - **Turtle Traveler**, *Personal*.
- Oct 2018
- Developed web application that incorporates Dijkstra's algorithm for the shortest flight pattern
  - Created with Bootstrap 4 and jQuery for animations
- Apr 2018 - **B-Tree Implementation**, *Academic*.
- May 2018
- Led a team of four others to create fully functional data structure in Java
  - Submitted project to receive highest grade possible in class

## Experience

- Jun 2018 – **Assistant Researcher**, *Department of Computer Science*, Montclair, NJ.
- Present
- Devised Deep Feedforward Neural Network to accurately detect up to four intrusions on time series data with a 98% verification score
  - Designed multiple Recurrent Neural Networks for classification and regression tasks with Google's Tensorflow API and Keras API in Python
  - Expedited development of algorithm by gathering large collections of viable data and preprocessing data for compatibility
- Jul 2016 – **Formalwear Specialist**, *Dante Tuxedo*, Verona, NJ.
- Present
- 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 and easing training of new employees
  - Managed entire store; managed inventory levels across all offerings, handled customer service requests by providing measuring and fashion advice, and payment options; managed cash while owner was not on site
  - Increased sales by attending trade shows; generated a leads list that increased foot traffic in the store, advertised favorable terms and product offerings to attract customers away from competitors