SWRAJIT
PAUL

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EDUCATION

Computer Science B.S| Queens College
FALL 2014 – FALL 2018
Dean's List, GPA: 3.0

Classes Taken: Design and analysis of algorithms, Data structures, Programming languages, Operating systems, Image Processing, Machine learning in Quantitative Finance, Business Intelligence, Modeling and Simulation, Big Data Algorithms, Design and Analysis of algorithms, Software engineering.

EXPERIENCE

Private Tutor | Self-employed
AUGUST 2014 – SEPTEMBER 2017, AUGUST 2018- PRESENT

SKILLS

Excellent Communication and Writing ability. Languages: Java (Excellent), HTML (Excellent), CSS (Proficient), C++ (Proficient), Python (Proficient), Java script (Prior- experience), Lisp(Prior-experience) Data Structures and Algorithms. Fluent in English.

PROJECTS -- GITHUB.COM/SWRAJITPAUL

These projects were done using Java and C++.Doubly Linked List, Sparse Vector, Dynamic Stack array, Postfix, Binary Tree, Linked Queue, Linked Stack, Circular Linked List, Insertion sort, Merge sort, Heap sort, Quick sort, Count sort, Bucket Sort, Shell interface, Dinning Philosophers. Average filter, Median filter, Connected component (Four connected, eight connected), Distance Transform (city-block, four connected), Chain Code, Run length encoding, Run length Decoding, Hough Transform, Morphology, K-means clustering, K-curvature, Thinning, Edge detection.