

ANUSHKA KRISHNAKUMAR

Summary

Searching for an entry-level job using programming and data analyzing skills as well as creativity and design. Detail oriented and commended for completing projects on time.

Employment

CloudAndAll, Inc

Technical Office Assistant - Part Time Employee June 2018 to Current

- Performed installation and configuration under CentOS Linux version 7 of ForgeRock Identity manager. Developed installation and configuration documentation for sharing with clients
- Attended client meetings for various projects to take meeting notes and understand project vision and scope
- Meeting notes were uploaded to portal for team review and action.

Projects

Environmental Administrative Web Portal

Aug. 2020 to Current

- Created a web-based administrative portal using tools such as JavaScript, HTML, and CSS for development.
- The administrator can update calendar events, resources, personnel, generate reports and maintain currency of campus environmental programs.

Sets in Ruby

Feb. 2020 to Feb. 2020

- Implemented a hash table with set functions
- The user can input a set, write a set to a file, check if a set is empty or full, add a subscriber to a set, find a subscriber in a set, find the union of two sets, find the cartesian of two sets, and find the intersection of two sets.

Information Retrieval in Python

Sept. 2019 to Dec. 2019

- Retrieved various types of information from a corpus consisting of separate files.
- Designed and implemented an inverse keyword data structure for a corpus that contained the keywords, total frequency, total number of documents a keyword appears, and a list of documents with name of document and frequency of keyword within that document
- Computed graphs on Matplotlib to visualize data
- Built a corpora of emails.

Algorithm Implementation in C

Mar. 2019 to Apr. 2019

- Implemented an algorithm that builds a heap using the bubble-up process and the algorithm that uses the bubble-down (heapify) process. Both algorithms build the heaps in place and utilized a single array to store the input and output.
- Implemented an algorithm for finding the kth smallest element in a collection of integers, using a heap.

Contact

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Education

The College of New Jersey

Aug. 2017 to May 2021

Bachelor of Science, Computer Science

Skills

COMPUTER PROGRAMMING

C++
Java
SQL
C
Python
Ruby
Ruby on Rails
HTML/CSS
JavaScript
Bootstrap
C#/Unity3D

OPERATING SYSTEMS

Windows
Mac OSX
Linux
Apple IOS
Android

TOOLS

Eclipse
XCode
MATLAB
LogicWorks
Statistica
Jupyter Notebook
Pycharm
Atom
GitHub
LucidChart

OFFICE SUITES

Microsoft Office Suite
Google Office Suite