

FURHAN KHAN

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<https://github.com/furhankhan12/>

TECHNICAL SKILLS

Python, Java, C/C++, JavaScript,
Bash, Django, Flask, UNIX/OSX,
Sockets, JFrame/Swing, junit
node.js, x86, MySQL, PostgreSQL,
PHP, RESTful API, HTML/CSS, OOP,
Data Structures & Algorithms,
Docker, Kafka, Elastic Search,
Travis_CI, Haproxy, Selenium, Git,
Sharepoint, Next.js, React, MongoDB

EDUCATION

The University of Virginia

Charlottesville, VA • Winter 2020

Bachelor of Arts:

Computer Science

- Minor in Economics

Other

- Volunteer for Code for Charlottesville

Website

<https://furhan-website.vercel.app>

PROFESSIONAL OBJECTIVE

To obtain a position related to computer science position focused on software engineering and/or product development.

WORK HISTORY

UVA - Undergraduate Research Assistant

Charlottesville, VA • 05/2019 - 07/2019

Helped develop/improve an existing cataloging application in collaboration with the anthropology department to catalog and map artifacts from various research sites. Worked largely on developing the front-end UI using bootstrap/JavaScript and creating an authentication system utilizing PHP and PostgreSQL

7-Eleven Inc. - Assistant Manager

Manassas, VA • 04/2016 - 08/2018

Assisted in coordinating daily operations such as maintaining and forecasting inventory, implementing business strategies to attract new customers, and management of staff and external vendors.

Spreading Epilepsy Awareness - Treasurer

Charlottesville, Virginia • 01/2016 - 12/2016

PROJECTS

- Developed a GPA calculator GUI utilizing JFrame that can calculate a person's GPA based on previously taken, current and anticipated courses. (Java)
- Developed a market place web application for selling clothing that utilize modern enterprise technologies such as Kafka, Elastic Search, Docker, Selenium, Travis CI, and Haproxy. (python)
- Developed a word-search algorithm utilizing hash tables that finds all possible words in an inputted grid and dictionary. (C++)
- Developed my own personal website using Next.js that utilizes OpenWeather API and a MongoDB database. (javascript)
- Developed a Django web application that utilizes google authentication, geocoder, and maps API for students to post reviews and property listings of off-grounds housing (python)

