

RIZWAAN ABDULKADIR

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in rizwaanabdul

🌐 Riz-waan

Skills

PROGRAMMING LANGUAGES

GO

SQL

Python

HTML

CSS

Node.js

PHP

Dart

OFFICE

Excel

Word

Powerpoint

Projects

Nonprofit Website

June 2021 to July 2021

- Designed and developed a website for a local nonprofit to reach a broader audience and raise donations. (<https://www.chattio.org>)
- Integrated with a headless CMS to add interactivity to 2 sections.
- Utilized various third-party services for CMS, hosting, and form handling to create the optimal and cost efficient stack, allowing the nonprofit to host the website for free.

BUK

Aug. 2018 to Apr. 2020

Led a team of 7 students to design and implement a class scheduler web app using PHP for my high school which was used by over 150 students. (<https://photos.app.goo.gl/Gf5bS2cQM3Ti5kqu5>)

Employment

My Video Vault

Chattanooga, TN

Freelance Software Engineer

Aug. 2020 to June 2021

- Designed and programmed a viable full stack video sharing application using Flutter, Golang, AWS, and Stripe for a local startup.
- Created 4 different implementation plans for the CEO, Trent Center, using different technologies like Firebase, AWS, Golang, Express.js, and PHP.

University of Tennessee at Chattanooga

Chattanooga, TN

Electrical Engineering Intern

Aug. 2019 to Dec. 2019

- Assisted 4 of the University of Tennessee at Chattanooga Electrical Engineering students to create a smart kitty litter system.
- Researched the use of light, sound, and electricity as potential mediums to build a safe sensor that measures water level without harming the pet.

Grass in the Road

Chattanooga, TN

Lead Software Developer

Aug. 2018 to July 2018, June 2021 to Oct. 2021

- Designed and developed a website that creates a customized tourist itinerary using TailwindCSS, GoLang, a custom algorithm, and a 15 question survey.
- Originally created the itinerary builder as a wordpress plugin using PHP in 2018.

Education

University of Tennessee

Aug. 2020 to Current

B.S. Computer Science: Data Science 2024

GPA: 4.0

Dean's List and Summa Cum Laude

STEM School Chattanooga

Aug. 2016 to May 2020

H.S. Diploma 2020

GPA: 4.0

Valedictorian

Activities

Hack4Impact - UTK · Designer and Developer

Aug. 2020 to May 2021

- Designed an admin panel for the nonprofit MindVersity using Figma.
- Developed part of the backend server for the nonprofit SecondHarvest using Express, TypeScript, and NodeJS.

Networked Intelligence Lab - UTC · Researcher

Jan. 2021 to Current

- Leading a team of 8 people to research an virtual reality based solution that "tricks" your brain into alleviating the phantom limb pain phenomena.
- Using 5-6 technologies such as Unity, Oculus, autoencoder, and Azure Kinect to find the most efficient and portable setup.

Qualifications

Certification · Computer Science Responsible Conduct of Research

2020

Certified in the ethics of Computer Science Research

Coursework · Data Structures

2020

Sponsored by Google to complete this Coursera course through CSCI-Coursera

Coursework · Algorithmic Toolbox

2020

Sponsored by Google to complete this Coursera course through CSCI-Coursera

Coursework · R Coding Bootcamp

2020

Analyzed and Visualized Covid Related data using multiple data sets and python and R and the University of Tennessee, Chattanooga.