VISHESH GUPTA

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EDUCATION

University of Texas at Arlington
B.S. in Computer Science
Arlington, TX | Expected Aug 2020

SKILLS

- Java
- Flutter
- Python
- C++
- JQuery
- CSS3
- HTML5
- MongoDB
- NoSQL
- SQL
- AWS
- Azure
- Google Cloud
- Docker
- Object Oriented Programming
- Linux
- MacOS

COURSEWORK

- Human Computer Interaction*
- Computer Networks*
- Graphics*
- Compilers*
- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Theoretical CS
- Databases
- Linear Algebra
- Assembly
- Practical Computer Systems
- Discrete Structures
- Engineering Probability
- Artificial Intelligence (Udemy)
- Web Dev Bootcamp (Udemy)
  *ongoing

LINKS

- Website: vishesh7797.github.io
- LinkedIn: visheshgupta9777
- GitHub: vishesh7797

PERSONAL PROJECTS

YelpCamp | Created a Campground rating web app, similar to Yelp, using Node.js, Express.js, Passport.js, JQuery, and MongoDB

helpDFW(Covid-19) | Created a website to support local businesses and rout donations directly to their venmo/goFundMe handles. https://helpdfw.github.io/

App Development | Designed UI Clones of Whatsapp and Instagram with Flutter

Dropbox File System | Implemented a user space portable file system using C

Mav Shell | Created a shell similar to bash and csh using C, the shell can accept, process, and execute commands and fork children.

Concurrency | Generated Mandelbrot fractal structures using multiple processes and threads

Crowd counting model | Used CUDA and Pytorch to generate density maps and count number of people in an image with ~97% accuracy

HackDFW | Created a financial literacy web app using REST API with JavaScript and SpringBoot

Todo List | Built a responsive and visually appealing todo list using JavaScript, jQuery, and CSS

Human Computer Interaction | Created mock design and flow using Figma, implemented as a web app using Jsfiddle

EXPERIENCE

Fixefood (DFW Startup) | SWE Intern
May 2018 – September 2018 | Dallas, TX

- Maintained key components of website using jQuery and React
- Built and managed the Customer Relationship Management platform using MySQL
- Utilised keyword research tools to track progress and performance

UTA Athletics | Logistics Intern
August 2018 - May 2019| Arlington, TX

- Planned and coordinated promotional events with 1000+ students
- Ensured compliance with NCAA regulations
- Delivered sales pitches to alumni, donors, and sponsors

ACTIVITIES

Association of Computer Machinery (ACM)

- Represented UTA at ICPC regionals in Baylor | 2019-2020

HackUTA

- Organising team lead | 2019

Pi Kappa Alpha Fraternity

- Director of Fundraising | Fall'18
- Vice President of Inter-Fraternity Council | 2017-2018