

Paras Sharma

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EDUCATION

University of Texas at Arlington (UTA) Arlington, TX
Bachelor of Science in Computer Engineering, Junior May 2020
Cumulative GPA: 3.9/4.0
Major Coursework Completed: Fundamentals of Software Engineering, Database and File Structures, Algorithms and Data Structure, Computer Network Organization, Operating System, Discrete Structure, Computer Organization and Assembly Language, Engineering Probability, Digital Logic, Electronics and Circuits, Computer Architecture, Digital Signal Processing
Programming Languages and Tools: C, C++, CSS, HTML, Java, JavaScript, MATLAB, Node.js, NoSQL, PHP, Python, SQL, TensorFlow, Verilog, Adobe CC (Photoshop, XD, Illustrator, After Effects, Premiere Pro), AWS, Everycircuit, Quartus

WORK EXPERIENCE

Business Technology Services, UTA – Student Assistant and Web Developer July 2018 – Present

- Updating the University's website, policies, procedures, and forms
- Creating user interfaces and multimedia for internal projects and proofs of concepts
- Assisting in training University officials to use new systems and software like TouchNet Marketplace and Content Management System

University Tutoring and Supplemental Instruction, UTA – Tutor Sept 2017 – July 2018

- Explained complicated concepts in Math, Physics, and Computer Science to a wide range of people and gave constructive feedbacks to broaden their knowledge domain

Arlington, TX

PROJECTS

Timenum: A web-based smart time management software being written using Node.js, Python and HTML
Personal Voice Assistant: Python based voice assistant that automates my tasks and updates me with new information such as recent emails, upcoming calendar events, grades and homework notifications from school, and many more
EchoV: Python based program to help non-native English speakers build their accent by letting them efficiently analyze how they sound
Dashboard: Node.js and HTML based app to display day's schedule, pictures, quotes, new emails and messages, and logs as a screen saver on my monitor
Others: Implementation of basic file system in C, 8 bits processor and memory in Quartus, multithreading web server in Python, messenger in PHP and HTML, and many more

LEADERSHIP AND ASSOCIATION

Students for the Exploration and Development of Space, UTA – Webmaster and chief of technical matters Feb 2018 – Present

- Taking care of chapter's technical needs by maintaining website and database, designing logos and fliers, making resources available for events, and
- Supervising members and delegating responsibilities in development of communication module of CubeSat (Cube Satellite) project

HackUTA 2018, UTA – An organizing member of UTA's hackathon Sept 2018

- Addressed technical tasks like maintaining website, designing logos and stickers, setting up platform for project submission, and more
- Recruited and oversaw volunteers and took care of several logistic affairs before and during the event

Member of National Society of Collegiate Scholars (NSCS) Jan 2018 – Present