

SOHAIB RAJA

sohaibraja@tamu.edu

Tomball, Texas 77375 • (832) 931-8240

EDUCATION

Texas A&M University Bachelor of Science in Computer Engineering May 2024
Minor: Mathematics
Current GPA: 3.71

Relevant College Coursework

CSCE 483 – Computer System Design

ECEN 350 – Computer Arch & Design

CSCE 313 – Intro to Computer Systems

CSCE 470 – Info Storage & Retrieval

CSCE 331 – Foundations of Software Engineering

CSCE 310 – Database Systems

ECEN 449 – Microprocessor System Design

CSCE 314 – Programming Languages

CSCE 221 – Data Structure and Algorithms

EXPERIENCE

Texas A&M University – Student Assistant January 2022 – Current

- Facilitating practical application of classroom physics concepts for hundreds of undergraduate engineers
- Educating students on physics principles and analytical methods to interpret their observations effectively
- Evaluating student laboratory reports and verifying the accuracy of their conclusions and reasoning

Paycom – Software Development Intern May 2023 – August 2023

- Developed a full-stack web application to streamline visualization and management of millions of prospects
- Leveraged React, PHP, Typescript, and MySQL to execute diverse functionalities derived from user stories
- Orchestrated and monitored the progression of development throughout the project lifecycle utilizing Jira

Korbyn – Full-Stack Software Engineering Intern October 2022 – November 2022

- Engineered a Django-based web application offering analytic tools to TikTok creators for account growth
- Employed HTML, CSS, and JavaScript to construct the user interface and integrate data from a Python API
- Participated in bi-weekly meetings to review task progress and foster collaboration with fellow developers

PERSONAL PROJECTS

Pom & Honey Point of Sales System – Vue.js April 2023

- Built a unified web application experience tailored to the diverse needs of managers, servers, and customers
- Implements role-based permissions to safeguard confidential information from unauthorized access

Sorting Algorithm Visualizer – React.js May 2022

- Displays a visualization of prevalent sorting algorithms, including insertion sort, merge sort, and quick sort
- Utilizes bars of varying sizes to represent distinct integers and sorts the array based on a selected algorithm

SKILLS

Programming: C++, C, C#, Python, Java, PHP, Verilog, HTML, CSS, JavaScript, TypeScript, React.js, Vue.js, Django Web Framework, Node.js, Express.js, MySQL, PostgreSQL, and SQL

Software: Vivado Design Suite, NI MultiSim, LTSpice, Autodesk Suite, Microsoft Office, and Unreal Engine 5

Operating Systems: Proficient with Windows, Linux, and macOS

Languages: Fluent in English and Urdu

IMPORTANT LINKS

LinkedIn: <https://www.linkedin.com/in/sohaib-raja-6a6805213>

Personal Website: <https://www.sohaibraja.com>

Personal Projects: <https://github.com/sraja1114>