HAMMAD MALIK

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SUMMARY

Dedicated Computer Science student at Habib University with a focus on web and app development. Proficient in HTML, CSS, JavaScript, React.js, Node.js, and Python. Skilled in creating user-friendly interfaces and efficient backend solutions. Passionate about learning new technologies and enhancing development skills.

SKILLS

Languages : HTML, CSS, JavaScript, React.js, Node.js, Express.js, C++, Python, SQL, Verilog HDL

Technologies and Frameworks : OOP, SQL Server Management Studio, MongoDB, PyQt GUI, Qt Designer, DB Designer

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PROJECTS

ShedUTrack - A Student Scheduling Assistant   **Fall 2024**
Web and App Development CS 370 | MERN Stack, React Native

Developed ShedUTrack, a comprehensive scheduling assistant for students, as part of the Web and App Development course. The project features a MERN stack web app and a React Native mobile app to manage academic tasks efficiently

RISC V Processor Pipelined   **Spring 2024**
Computer Architecture CS 330 | Verilog, Vivado

Designed a pipelined RISC-V processor using Verilog and Vivado for our computer architecture project, optimizing instruction throughput and enhancing performance.

Pacman Pursuit
Object Oriented Programming CS 224 | C++, SDL   **Fall 2023**

Developed a game combining elements of Pac-Man and the World's Hardest Game using SDL2 library in C++. Players navigate Pac-Man through dynamic mazes, collecting dots and avoiding ghosts to complete levels, enhancing both challenge and engagement.

Habib University Gym and Recreational Portal   **Fall 2023**
Database Systems CS 335 | Python, PyQt, Qt Designer, SQL Server Management Studio

Developed a comprehensive portal for Habib University's fitness services, allowing community members to pay gym fees, sign up for sports events, and manage locker issuance. The project included separate interfaces for community members and administrators, enabling efficient event management and approval processes.

WORK EXPERIENCE

Social Media Manager, Real Madrid Pakistan   **April 2018- Sep 2023**

Managing all aspects of the Facebook page like moderation, running ads to boost growth and connecting with relevant brands to host match screenings throughout Karachi.

Orientation Leader, Habib University   **July 2024 - August 2024**

Guided new students and their families through the university's programs, culture, and expectations. I fostered a welcoming environment and facilitated their smooth transition into university life.

EDUCATION

Habib University   **Aug 2022- Ongoing**

Bachelors of Computer Science │ 40% Merit based Scholarship │ 3.33 CGPA

Activities :
- Graduation Committee : Organizing events for the graduating batch!
- Futsal Lead Sports and Recreational Society : Organizing tournaments and conducting trials.
- HU Serve Club Design Lead : Creating posters and designing activities.
- HU Con Design Lead : Creating posters, banners, and sponsorship posts.
- Coordinator of Volunteers (Serve Club) - Beach Cleanup and Community Service

Agha Khan Higher Secondary College   **Aug 2022-May 2022**

HSSC, Science General

Grade: 88% HSSC I & 85% HSSC II
Activities :
- AKHSS Sports Society (General Secretary) : Dealing with all sports related activities.
- AKHSS Futsal Team : Representing AKHSS in futsal tournaments.

Bai Virbaijee Soparivala (BVS) Parsi High School   **Aug 2009 - March 2020**

SSC, Pre Medical

Grade: 88% HSSC I & 85% HSSC II
Activities :
- Duke of Edinburgh First Aid Training, Hour of Code, Inter House Football, Inter House Hockey

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AWARDS AND CERTIFICATES

- 40% Merit Based Scholarship │ Habib University
- Merit Citation Award for Scholarship │ Aga Khan Higher Secondary School
- Social & Behavioral Responsible Conduct of Research-CITI Program
- Social-Behavioral-Educational (SBE) Comprehensive-CITI Program