

DANIYAL IQBAL

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EDUCATION

DePauw University

Bachelors in Computer Science and Mathematics

Dean's Honors List 2021, 22

Relevant Coursework:

- **C.S:** Data Structures and Algorithms, Computer Systems, Object Oriented Software Development, Foundations of Computer Science, Databases and File Systems, Mobile App Development, Web Development
- **MATH:** Calculus, Calculus II, Linear Algebra, Discrete Mathematics

Greencastle, IN

Sep 2020 – Dec 2023

LANGUAGES AND SKILLS

- Java, C++, C#, TypeScript JavaScript, HTML, CSS, Scala, SQL, React.js, Node.js, Express.js, NestJS, Ruby on Rails, MongoDB, Mongoose, Git/GitHub, Bootstrap, jQuery, AWS EC2, AWS RDB, AWS S3

WORK EXPERIENCE

Software Engineer Intern

Moser Consulting

Indianapolis, IN

Aug 2022 – Dec 2022

- Working as a Full Stack Developer on the State of Indiana's Horse Racing Commission Application.
- Frontend development using Angular, Bootstrap and Typescript.
- Backend API development using .NET, C#, Node, Express, NestJS, Java Spring Boot, and Ruby on Rails.
- Database layer development using PostgreSQL and maintaining consistent environments using Docker.
- Utilizing Azure and Kubernetes for CI/CD functionality and applications/services hosting.

Software Engineering Instructor for Microsoft TEALS

Microsoft

Lebanon, MO

Aug 2022– Dec 2022

- Helping build sustainable computer science (CS) programs in high schools, with a focus on serving students excluded from learning technical skills because of race, gender, or geography.
- Participating in up to 40 hours of required summer training, collaborating with a teaching team to plan and deliver lessons, and receive guidance and support from a dedicated regional TEALS manager throughout the school year.

Information Technology Intern

DePauw University

Greencastle, IN

Aug 2021 – Aug 2022

- Troubleshooting and repairing clientele's technology along with providing professional customer service at the front desk. Built solutions on hardware and software in Mac OS, Windows, Android, and Virtual Desktop setups.
- Process service requests and issues following established workflows and procedures using the department ticketing system

Teaching Assistant for Data Structures

DePauw University

Greencastle, IN

Aug 2021 – Aug 2022

- Teach a class of 20+ students by holding office hours to explain and demonstrate algorithms for projects, answering conceptual questions on C++ and during lectures, and formulating exam content.
- Lead a weekly discussion section for lecture review with 20+ students enhancing students' understanding on concepts including lists, trees, maps, and sorting.

PROJECT EXPERIENCE

Repair Shop Android Application

April 2022

- Hired by a company to work on its vehicle repair logging app (Repair Shop) that allows a user to keep track of the vehicles they own as well as the repairs for each vehicle. Implemented Code using the CRD (Create, Read, and Delete) operation of the local SQLite Database the Android uses on the user's device

ADDITIONAL INFORMATION

- Among the group of 17 participants from Pakistan at the **World Youth Scrabble Championship** in Lille, France
- **Above and Beyond Computer Science** fellow at **Meta (formerly Facebook)**