BARR MOHAMMED

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EDUCATION

Indiana University, Bloomington, IN

Bachelor of Science in Computer Science

Cumulative GPA: 3.73/4.0

Awards/Honors: Graduate with Distinction

WORK EXPERIENCE

Eli Lilly and Company, Indianapolis, IN

MQ Learning and Development

Summer 2021

- Updated learning courses through PowerPoint for new Eli Lilly hires
- · Gained insight into the corporate work environment through attending weekly floor meetings and working in cubicles
- Increased skill in PowerPoint, and Data Fluency through reading Lilly Manufacturing data and presenting it through PowerPoint
- · Enhanced time management skills by creating my own schedule for weekly project completion and floor meetings
- Published skills in public speaking by giving a presentation of what I learned throughout my time as an intern

PROJECTS

AI LIFE PREDICTER

Fall 2023

 Collaborative project in developing an AI that predicts life expectancy of people living in the U.S. using regression analysis algorithm in R

MOVIE SEARCH APP

Summer 2023

 Developed an movie search app in Android Studio Kotlin using OMDb API, Retrofit and Glide to help retrieve movie data and display each movie poster image and information in a list using a recyclerview based on movie title entered in search bar

SELFIE APP

Summer 2023

Developed an selfie app in Andriod Studio Kotlin using MVVM, Firebase authentication to authenticate users, CameraX to
access camera from users phone,, Firebase Storage to store selfie data, Database, and Recyclerview to display their selfies

2-JOINT PLANAR ROBOTIC MANIPULATOR

Summer 2023

• Collaborative project to develop a robot that uses a robotic arm to extend and pick up different objects in different areas using joint sensors, steel pieces, and python

AI SUDOKU SOLVER

Summer 2022

Developed a sudoku solver AI using the forward checking algorithm and python

TECHNICAL SKILLS

 $\textbf{Languages:} \ Python, Java, Kotlin, JavaScript, HTML, C/C++, React, Jetpack \ Compose, R$

Platforms: Mac-OS, UNIX

STUDENT INVOLVEMENT

Computer Science Club, Bloomington, IN

September 2020 - May 2022

- Hands-on experience with technology
- Advisement/development of programming skills

Intro to Programming Undergraduate Teacher Assistant, Bloomington, IN

January 2021 - May 2021

- Taught undergraduates programming in Python through weekly labs
- Graded exams and assignments
- Attend weekly meetings with other Teacher Assistants and Professors

COURSEWORK

Introduction to Artificial Intelligence, Bioinformatics, Mobile App Development, Data Strutures, Software Systems, Data Analysis and Data Mining, Object Oriented Software Methods