

# 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
- Analyzed data
- 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

**Indiana University**, Bloomington, IN

*Intro To Programming Teacher Assistant*

WINTER 2022

- Taught undergraduates programming in Python through weekly labs and office hours
- Analyze code and graded exams and assignments
- Attend weekly meetings with other Teacher Assistants and Professors

## PROJECTS

**AI life predictor:**

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

**Selfie App:**

Summer 2023

- Developed an selfie app in Android 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

**Cv Builder:**

Spring 2024

- Developed a front-end custom resume builder that users can download as a pdf using React and Webpack

**Weather Forecast website:**

Spring 2024

- Developed a website that displays future weather forecast of any U.S. city using RESTful API and React

**Social Soothe (Full Stack):**

Winter 2024

- Developed a PERN stack website that allows people cope with social anxiety to document daily social interactions that go on a virtual social tree, take daily mood journals, take different breathing exercises and cash out rewards. Made with Reactjs, Prisma, PostgreSQL, Javascript, Tailwind, Node.js, Express, and Bcrypt and Passport.js for user authentication

**OTHER PROJECTS:** Mini message board, Art Ecommerce website, Etch-a-Sketch Website, AI Sudoku Solver, Airbnb clone app, Virtual Art Portfolio

## TECHNICAL SKILLS

**Skills:** Python, Java, Kotlin, JavaScript, HTML, C/C++, C# React.js, Jetpack Compose, R, SQL, PostgreSQL, Node.js, Express, communication, CSS, React Native, Github, Powerpoint, Outlook, Excel, User Interface, mongoDB, Typescript, Microsoft Office 365, Linux, Webpack, pivot tables

**Platforms:** Mac-OS, UNIX

## COURSEWORK

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

