

# Hasan Mahmoud

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## EDUCATION

### UNIVERSITY OF WINDSOR

BSc IN COMPUTER SCIENCE

April 2022

## LINKS

Github:// [HasanM99](#)

LinkedIn:// [hasanmahmoud](#)  
[hasanmahmoud.com](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Database Management Systems  
Software Engineering  
Obj-Oriented Software Analysis/Design  
Artificial Intelligence Concepts  
Computer Networks  
Mobile Application Development  
Operating Systems Fundamentals

## SKILLS

### LANGUAGES

JavaScript • C# • Java

### WEB TECHNOLOGIES

HTML/CSS • Bootstrap • React.js •  
TypeScript • Node.js • Express.js

### DEV TOOLS

Git • GitHub • Jira • DevOps

### DATABASE

SQL (MySQL, PostgreSQL, SQLite) •  
NoSQL (MongoDB)

## EXPERIENCE

### GAOTEK | SOFTWARE DEVELOPER INTERN

April 2022 – September 2022

- Developed professional grade user interfaces for the utility sector using industry leading front-end frameworks such as React
- Integrated large data into user friendly modules by designing and implementing high level REST APIs written in Node.js
- Worked as a part of a highly agile team using industry standard tools including GitHub and Azure DevOps

### WECCC | FULL STACK DEVELOPER INTERN

September 2021 – April 2022

- Created responsive and component based front-end using React, Bootstrap, and HTML/CSS
- Constructed REST APIs using Express.js in Node.js and used Postman effectively to test them
- Collaborated with 3 interns and senior developer to brainstorm and implement ideas and feedback into app's development
- Performed code reviews and participated in Agile development process

### AUCTIONHAEUS LIQUIDATION CENTER | WEB DEVELOPER

May 2021 – August 2021

- Applied the use of React.js to create mobile-friendly, fast, and responsive SPA website in a timely and effective manner, achieving 100 percent customer satisfaction
- Met with AHL to go over details, and discuss website needs, design, and option on some of the recommendations to create an effective website
- Tested website and performed user testing and troubleshooting before live deployment insuring 0 issues/bugs on website deployment

## PROJECTS

### DEVCONNECTOR

- Built a full-stack social network app that includes authentication, profiles, and forum posts
- Developed React.js components for user interface
- Used Redux with DevTools for state management
- Used MongoDB for the database with MongoDB Atlas to host it in the cloud, and used mongoose as an abstraction layer
- [DevConnector.com](#)

### QUIZ APP (ONGOING)

- Built a quiz app using material UI library
- Developed responsive interface using React
- Used axios to fetch questions from Trivia Open Trivia Database
- [HasanM99/QuizApp.com](#)