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# Mohammad Ali

Portfolio: <https://rb.gy/6gwykz>

(929) 413-8144

m.ali199753@outlook.com

## OBJECTIVE

Passionate computer science enthusiast eager to gain valuable experiences and continuously expand knowledge in software development and application creation. Committed to exploring diverse technologies, developing innovative programs, and contributing to the ever-evolving field of computer science.

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## EDUCATION

### Hofstra University, Hempstead NY

BA in Computer Science

**GPA: 3.36**

*Expected May 2024*

#### Relevant Coursework:

- Operating Systems
- Mobile Device Programming
- Data Structures and Algorithms

#### Expectation:

- Intro to AI; heuristic search and robotics, pattern recognition, game playing, theorem proving, question-answer systems and natural language processing.
- Web Application Development; structure of the Internet; client-server applications; stateless web servers; web applications; using cookies to maintain state; servlets and server pages; database connectivity; rapid application development; and comparison of current technologies for web application development.
- Software Engineering; design, develop, and maintain a large program or system with issues addressed including program design, specification, version control, cost estimation and management.

### CUNY Queensborough Community College, Bayside NY

A.A.S in Internet and Information Technology

**GPA: 3.86**

*Achieved May 2022*

#### Relevant Coursework:

- Creating static websites and mobile apps using HTML, CSS, JavaScript
- Android app development using android studio and Java programming
- Robotics using C programming
- Foundations of language programming using Python
- Foundations of databases in backend programming using SQL
- Foundations of Linux & Windows operating systems
- Networking using CISCO packet tracer, OSI model, and configuring mock networks
- Foundations of computer network security by analyzing security designs and vulnerabilities

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## SKILLS

• Time Management, interpersonal, and communication skills • Acknowledged in Figma, Microsoft Word, Excel, PowerPoint, Linux, Windows 10, and Visual Studio Code • Acknowledged in fundamentals of internal operating system design, implementation, and functionality • Acknowledged in creating basic websites and publishing them to the internet • Acknowledged in the basics of computer coding languages such as C, C++, Ruby, SQL, Python, JavaScript, Dart, Java, HTML, and CSS • Frameworks such as Flask, Flutter, React • Data Structures and Algorithms • Acknowledged in basic networking fundamentals to design, build, and maintain network systems • Exposure to AWS Foundations and Architecture and AWS Cloud Practitioner Certified

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<b>PROJECTS</b>	<b>Grab and Eat (Custom App)</b>	<b>December 2023</b>
	<ul style="list-style-type: none"> <li>Designed and coded a multi-platform full stack mobile application using Dart, AWS Amplify, and GraphQL.</li> <li>Purpose of the app was to create a unified order pickup app that would allow multiple restaurants to display their menus and allow a single user to access this app and switch restaurants easily.</li> <li>This app features a fully functional login/signup page with multi-factor authentication (fully modifiable), restaurant selection page, restaurant information page, menu page, and cart page, alongside sign out and place order buttons.</li> </ul>	
	<b>To-do Tasks App</b>	<b>December 2023</b>
	<ul style="list-style-type: none"> <li>Coded a To-do Tasks mobile app using React Native that would allow the user to add a task, with details and mark the tasks as completed when required.</li> <li>App was created as a CR-D design with fundamental features of React Native such as buttons, icons, input boxes, and simple logic for updating display when tasks added. When a task would be selected, another page would display the full details for the task. Through memory state saving, the app would be able to maintain all data.</li> </ul>	
	<b>Python Flask Server</b>	<b>December 2023</b>
<b>WORK EXPERIENCE</b>	<ul style="list-style-type: none"> <li>Coded a flask server that would read data from a csv file and use GET, POST, PUT, and DELETE APIs to fetch and display data or manipulate data.</li> <li>The server was created through python's framework, Flask. Through the use of Postman, an API developer platform, testing of written python API was conducted.</li> </ul>	
	<b>Ruby on Rails Blog App and HR Resume Database App</b>	<b>May 2022</b>
	<ul style="list-style-type: none"> <li>Created a Rails application using basic principles of MVC and RESTful design through the use of a well-written guide.</li> <li>App was created using Ruby on Rails in AWS Cloud9 cloud-based IDE and consisted of a connection to a database, general layout of a Rails application, MVC, and RESTful design using CRUD. Storage and update of application was done through GitHub.</li> </ul>	
	<b>Con Edison (Computer Aide COOP), Hybrid, 4 Irving Place, NY, since February 2023</b>	
	<ul style="list-style-type: none"> <li>Position of Computer Aide Temporary, in IT ENG Assurance &amp; Compliance</li> <li>Collaborating with team to complete projects associated with security of devices, assurance, and compliance.</li> <li>Assisting with a project that uses policies and compliance protocols to identify gaps of possible vulnerabilities and using a tool to try to report back on those compliance statuses.</li> <li>Responsible for updating project status, preparing, and presenting/leading in meetings.</li> </ul>	
	<b>Crown Doctors (UI/UX Developer Intern), Remote, July 5, 2022 – August 19, 2022</b>	
	<ul style="list-style-type: none"> <li>Collaborate with a team to accomplish tasks by due dates and create a creative brief, logo, and color concepts for branding and startup.</li> <li>Work as a team to prepare and present in meetings and demonstrate leadership skills. Created a wireframe using Figma and resources such as icons through Adobe Illustrator.</li> </ul>	