

# Mohammed Ali

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## Education

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### University of Washington (Bothell, WA)

Expected Graduation: Winter 2022

Bachelor of Science in Computer Science | 3.74 GPA | Annual Dean's List

Relevant Coursework: Data Structures and Algorithms, Database Systems, Scripting Languages, Matrix Algebra, Operating Systems, Hardware, Data Visualizations, Project Management, Software Engineering, Statistics

### Bellevue College/Tesla STEM High School (Bellevue, WA)

Sept 2015-June 2019

High School Diploma | Running Start Student | 3.6 GPA |

Relevant Coursework: Introduction to Programming I and II, Physics I, Calculus I, II, and III

## Experience

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### Liberty Mutual Insurance (Seattle, WA)

Sept 2021-Present

Associate Software Engineer

### Mphasis (Seattle, WA)

Jun 2021-Aug 2021

Software Engineer Intern

- Developed and maintained java code for internal tools team for an internal messaging tool
- Completed an Oracle full stack certification encompassing a Java Backend and MEAN stack certificate

### Lionbridge Technologies (Bellevue, WA)

Jul 2019-Sept 2019

Test Associate

- Learned the basics of quality assurance, such as stress testing software, bug regression, and writing bug reports
- Team documented over 10,000 bugs across multiple platforms
- Assisted in office tasks, including PC setup and organization to keep the team working at high efficiency

## Projects/Extracurriculars

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### Yelp Business Covid-19 Compliance

- Architected a full-stack application that allows users to rate how well restaurants are complying with covid regulations
- Designed a backend API using Java and JPA with a MySQL database storing user covid compliance reviews
- Utilized Yelp Fusion and MapBox APIs to gather restaurant information and display an interactive map
- Implemented a fluid interactive frontend using React and JavaScript

### Project Solar Energy in Washington

- Cleansed and manipulated data and created data visuals to tell the plausibility of solar power in Washington state
- Integration of multiple technologies such as Vega-Lite, Tableau, HTML, CSS, and JavaScript into one website

### Airport Graph

- Implemented Dijkstra's algorithm in C++ to determine optimal routes to a start point and end point airport
- Developed graphs, maps, and priority queues and applied them into complex algorithms

## Technical Skills

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- **Programming Languages:** C++, Java, Python, HTML & CSS, JavaScript, SQL/NoSQL, Perl
- **Frameworks and Notable Libraries:** JDBC, JPA, Spring Boot, JUnit, NumPy, React, Angular, Node.js,
- **Operating Systems:** Windows, MacOS, Linux, iOS, Android
- **Tools:** Jira, Lucidcharts, GitHub, Tableau, Adobe Photoshop, Microsoft Office