Mohammed Ali

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EDUCATION

University of Washington — Seattle, WA
Bachelor of Science in Computer Science | GPA: 3.74 — *September 2019 – April 2022*
Coursework: Data Structures, Databases, Scripting Languages, Hardware, Data Visualizations, Project Management

Bellevue College — Bellevue, WA
Associate's in Computer Science | GPA: 3.6 — *September 2017 – June 2019*
Coursework: Introduction to Programming I and II, Physics I, Calculus I, II, and III

EXPERIENCE

Software Engineer — September 2021 – Present
Liberty Mutual Insurance — *Seattle, WA*
- Architected and developed a cloud based solution to ever changing customer data retention polocies
- Implemented with Python, Typescript, and AWS tools such as FSx, Lambda, DynamoDB, SQS, and API Gateway
- Developed a frontend using React and Typescript to interact with the backend
- Upheld agile development practices using Git, Jira, Slack, and Test Driven Development
- Potentially saved organization from billions of dollars in fees by automating the process of data deletion

Software Engineer Intern — June 2021 – August 2021
Mphasis — *Dallas, TX*
- Created a cloud-based solution to store automated data from internal monitoring systems
- Coded a Python and Typescript system that used AWS tools such as Lambda and DynamoDB
- Completed a full-stack Oracle certification encompassing a Java, SQL, and MEAN stack

Test Associate — July 2019 – September 2019
Lionbridge Technologies — *Bellevue, WA*
- Performed different types of testing such as, stress testing, regression testing, and load testing
- Wrote 250+ bug reports and team documented over 10000 across several platforms
- Took initiative and leadership roles to maintain top performance and productivity

PROJECTS

Yelp Covid-19 Compliance | *Javascript, React, Node.js, Java, JPA, MySQL* — June 2020 – October 2021
- Designed a web application to allow users to review and rate businesses based on their Covid compliance
- Implemented a React front-end that allows users to search for businesses, filter results, and create reviews
- Leveraged MapBox API to create a map of businesses based on their location for users to interact with
- Created a Java backend API that stores business data, reviews, and users with a MySQL database

Project Solar Energy | *JavaScript, TailwindCSS, Vega-Lite, D3.js, Python* — January 2021 – March 2021
- Conveyed a mission to show the importance of wide scale use of solar energy in the form of a responsive website
- Performed exploratory data analysis to determine the best way to visualize solar energy data
- Cleansed and manipulated data using Python and created interactive visualizations using D3.js and Vega-Lite

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, Node.js, HTML/CSS
Frameworks/Libraries: JUnit, Maven, Spring Boot, JDBC, pandas, NumPy, Matplotlib, Angular, React.js
Developer Tools: Git, Docker, AWS, Azure, Jira, LucidCharts, Tableau, VSCode, IntelliJ, Microsoft Office