

# Maslax M Ali

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## Education

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University of Massachusetts Boston, MA 3.3 GPA 2016-2018

Bachelor of Science in Computer Science, 2018

Activities: SSA (Treasurer), MSA (Coordinator), 2018 Hack Diversity Alumni

Coursework: Android Development, Database Management, Linux Operating Systems

Northeastern University, Boston, MA 3.0 GPA 2012- 2014

Candidate for Bachelor of Science in Computer Science

Coursework: Web Development, Data Structure & Algorithms

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**Computer Knowledge** Proficient (Immediate contributions) Intermediate (2-week ramp up) Beginner (4-week ramp up)

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**Languages:** Java (Proficient), C# (Proficient), SQL (Proficient), React (Intermediate), Angular (Intermediate)

**Systems:** Linux (Proficient), Jenkins (Proficient), Kubernetes (Proficient), AWS Console (Intermediate)

## Projects

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**Deep Neural Networks** May 2022 to Present

- Fully connected, CNN, and other neural net examples
- Converting Image data classification and abstractions to network training data
- Stylized Pytorch code with Jupyter notebook including supplement documentation
- [github.com/alimaslax/deep-learning-pytorch](https://github.com/alimaslax/deep-learning-pytorch)

## Relevant Experience

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**NetJets** Columbus, OH

**Developer/Analyst**

April 2021 to Present

- Enhancing advanced Flight Reservation apps written with React and NET Core 6
- Maintaining API domain services written in Groovy Grails
- Implemented Jenkins CI/CD pipeline adhering to strict architect designed specifications
- Used Helm Charts to deploy 4 AWS EKS clusters running in different environments
- Protected sensitive credentials and data behind AWS param-store and secret manager
- Ported legacy Asp.Net 4.5 backend with MVC pages to the latest Net Core 6.0
- Built from ground up, session management, authentication/authorization middleware(s)
- Custom ported the StackExchange.Redis library to support legacy system's Redis state manager
- QA testing and validation for peer reviewed work
- Living Jira documentation for application and pipeline setups

**BoyleTransport** Billerica, MA

**Software Engineer**

Nov 2020 to April 2021

- Maintained and enhanced production grade inventory tracking Apps in Java 8
- Ported legacy JSP App to Angular with both a Struct2 & Spring-Boot backend support
- Managed SQL tables and executed business logic queries in Struct2
- Created OpenAPI specifications for all API endpoints coded

**Liberty Mutual** Portsmouth, NH

**Technology Associate**

June 2019 to Mar 2020

- Composed a best practice project for a Spring-Boot RESTful app
- Embedded OAuth2, Sonar, OpenAPI, Cucumber, and PMD into Spring-Boot project
- Updated document searching Angular app with new data sources
- Experienced using CI/CD pipelines with Atlassian Bamboo and Bitbucket

**Liberty Mutual** Boston, MA

**Software Engineer Intern**

Aug 2018 to Jan 2019

- Monitored ELK clusters, as they processed 165 million logs a day
- Used bounded context with docker compose to spin up ELK stack containers
- Built Vue.js app to register log paths coming from different servers with our elastic cluster
- Gained strong familiarity with the Agile development framework

## Interests

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Hack.Diversity mentor and past cohort. One of my interests is improving my literacy in my native language, Somali.