

# **Andalus Mhameed, M.Sc**

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## **PROFESSIONAL SUMMARY**

Computer science graduate with 2+ years of experience in object-oriented programming and some exposure to cloud platforms. Independent learner and team player with excellent collaboration skills and a positive, can-do attitude. Able to thrive in fast-paced environments.

## **EDUCATION**

**Masters of Science in Computer science with focus on AI**  
2020 - 2023

**Ben-Gurion University**

**Bachelor of Science in Software Engineering**  
2015 – 2020

**Ben-Gurion University**

## **EXPERIENCE**

**Mobile Application Developer**

**10/2021 - 06/2022**

**Mindi**

- Integrated with Firebase Cloud Functions to validate inputs and automate tasks, cutting manual work by 80 hours using Flutter.
- Collaborated with design team to create intuitive interface and user flows, increasing new user onboarding conversion rate by 25%.
- Implemented Firebase back-end with Cloud Firestore supporting 50+ concurrent users.

**Cyber Security Analyst with ML Experience**

**08/2017 - 06/2019**

**Checkpoint**

- Reduced malware infections by 55% and phishing susceptibility by 35% through employee education.
- Detected and responded to 20+ security events over 2 years, limiting damage through rapid containment.
- Enhanced threat detection accuracy by 15% using machine learning algorithms to identify anomalies.

## **SKILLS**

**Languages:** Java, Python, C#, JavaScript, C++,SQL.

**Frameworks:** React, Node.js, Flutter

**Cloud:** AWS (S3, RDS, Lambda)

**Databases:** Mangodb, Firebase, SQLserver, NoSQL

## **PROJECTS**

**Social media for traveling for students | Node.js, bootstrap, JS, NoSQL**

- Developed frontend using HTML, Bootstrap & jQuery for responsive and interactive UI.
- Built REST APIs with Node.js, Express, JWT authentication, MongoDB integration.
- Led agile development end-to-end. Enabled student connections & events discovery.

**Machine Learning-based Verification Website | Python, HTML, CSS and JS**

- Built Flask based website with REST API endpoints and MongoDB for classification data.
- Implemented ML pipelines using PyTorch.
- Created React front-end and Java script for interactive data visualization.

**Desktop E- Commerce App| C# and SQL based**

- Developed Desktop application with MySQL database schema to store shop content.
- Wrote C# scripts with 3 tier model to parse and ingest client data, and built responsive UI menu and custom components for optimal viewing and readability.