

# Aasiruddin Walajahi

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## COURSEWORK

### UNDERGRADUATE

Algorithms and Data Structures  
Operating Systems  
Object-Orientated Software Design  
Computer Architecture  
Mobile App Development (Android)  
Compilers  
Parallel Programming  
Algorithm Engineering  
Database Systems  
Web App Architecture & Development  
Introduction to Machine Learning

### MOOCS

Introduction to iOS Development  
with Swift  
Developing Android Application

## SKILLS

### PROGRAMMING

Proficient:  
C++ • Python • Java

Working Knowledge  
C • C# • HTML/CSS • JavaScript  
PHP

### FRAMEWORKS

Android • SpringBoot • ReactJS

## LINKS

Github:// [Aasir](#)  
LinkedIn:// [aasiruddinw](#)

## LANGUAGES

Fluent:  
English • Hindi • Urdu

## EXTRACURRICULAR

## ACTIVITIES

- Volunteered to administrate Polio to the underprivileged children in Jeddah, Saudi Arabia.
- Resident Assistant at Michigan State University.
- Member of Spartan Hackers, MSU Data Science and ACM Chapter @ MSU.

## EDUCATION

### MICHIGAN STATE UNIVERSITY

BS IN COMPUTER SCIENCE  
August 2012 - December 2016 | East Lansing, MI  
Cum. GPA: 3.81 / 4.0

## EXPERIENCE

### AVATA INTELLIGENCE

#### SOFTWARE DEVELOPMENT ENGINEER INTERN (SENIOR DESIGN)

August 2016 - December 2016 | East Lansing, MI

- Designed and implemented a web application that automatically identifies and merges duplicate records within and across datasets in the Avata platform.
- Tools utilized: Java, SpringBoot and ReactJS.

### AMAZON

#### SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2016 - August 2016 | Seattle, WA

- Designed and implemented a standalone toolkit for rapid prototyping repeat activity behaviour predictions.
- Tools utilized: Java, JUnit, AWS S3 and Elastic MapReduce.

### SPARTAHACK 2016

#### ORGANIZER | ANDROID DEVELOPER

August 2015 - August 2016 | East Lansing, MI

- Worked as part of a team that organized a hackathon for 600 people.
- Worked on the official Android application as part of their Android team.

### MATRIX CENTER FOR DIGITAL HUMANITIES & SOCIAL SCIENCES

#### STUDENT DEVELOPER

February 2015 - May 2016 | East Lansing, MI

- Developed and maintained functionality of websites by utilizing languages and frameworks such as WordPress, JavaScript, PHP and MySQL.
- Worked on a team of two developing a Location Based Experience application (MBIRA) for the Android platform.

## PROJECTS

### MBIRA: LOCATION BASED EXPLORATION TEMPLATE

#### APPLICATION BUILT USING ANDROID | GITHUB://Mbira

- Implemented the the Location Based Mapping using the Mapbox Android SDK.
- Sole responsibility for the implementing the front end of the application.

### SPARTAHACK 2016

#### BUILT USING ANDROID | PLAYSTORE://SpartaHack2016

- Application for attendees to keep up to date regarding the event and to ask for Mentorship help.
- Implemented HelpDesk and Mentorship ticket functionality using a Parse backend.