

# Aasiruddin Walajahi

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## COURSEWORK

### UNDERGRADUATE

Algorithms and Data Structures  
Operating Systems  
Object-Orientated Software Design  
Computer Architecture  
Mobile App Development

### MOOCS

Introduction to iOS Development  
with Swift

## SKILLS

### PROGRAMMING

Proficient:  
C++ • Python

### Working Knowledge

C • C# • HTML/CSS • JavaScript  
PHP • Assembly(SPARC) • Rails

### Familiar:

LaTeX • iOS • Android • MySQL

## LINKS

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

## LANGUAGES

Fluent:  
English • Hindi • Urdu

## EXTRACURRICULAR

### ACTIVITIES

- Volunteered to administrate Polio to the underprivileged children in Jeddah, Saudi Arabia.
- Association of Computing Machinery (ACM) Executive Board Member (Community Outreach)
- The National Society of Collegiate Scholar's Invitee.

## EDUCATION

### MICHIGAN STATE UNIVERSITY

#### BS IN COMPUTER SCIENCE

Expected 2016 | East Lansing, MI  
Conc. in Business  
College of Engineering  
Dean's List (All Semesters)  
Cum. GPA: 3.8 / 4.0

### INTERNATIONAL INDIAN SCHOOL

Grad. May 2012 | Jeddah, Saudi Arabia

## EXPERIENCE

### MATRIX RESEARCH CENTER

#### STUDENT PROGRAMMER

Expected February 2015 | East Lansing, MI

- Expected to be creating scripts and maintaining websites utilizing PHP and MySQL.

### MICHIGAN STATE UNIVERSITY | LEAD PROGRAMMER | EGR 100

August 2012 - December 2012 | East Lansing, MI

- Worked in a team of four to design and build a Lego NXT Robot and program it to complete a two phase course.
- Phase 1 consisted of following a white line and clearing two randomly placed blocks. Phase 2 consisted of switching of randomly placed wall lights.
- The team achieved the quickest time in the class.

## PROJECTS

### WEATHER APPLICATION BUILT USING C#

- Utilized the IPInfoDB API to determine geographical coordinates based on the user's IP address and Forecast.io API to gather the weather information.
- Handled data in JSON and displayed it to the User.

### PITCHPERFECT BUILT USING SWIFT

- A sound manipulation application using which users can record their voice and change it's characteristics.

### TIC-TAC-TOE BUILT USING SWIFT

- Made the classic Tic-Tac-Toe game in Swift to learn the language and learn to Cocoa framework.

### GRID BASED FISHING GAME BUILT USING PYTHON

- Final Project for the Intro to Programming course
- A score-based fishing game with fishes appearing randomly within a 5x5 grid.