YOUSEF ALABSI
SOFTWARE ENGINEER

212 Beyer Ct,

Friley Chamberlain

Ames, 50012, Iowa

515-218-7372

yousef.absi@gmail.com

www.yalabsi.me

OBJECTIVE

To obtain an entry-level position as a Software Engineer that will allow me to utilize the skills gained at Iowa State University starting May/2019.

/yabsi

/YousefA.Absi

/yalabsi

EDUCATION

BACHELOR'S DEGREE
Iowa State University | Aug 16 - May 19

Bachelor of Science in Software Engineering. GPA: 3.2/4.0

PROFFESIONAL WORK EXPERIENCE

SOFTWARE ENGINEERING INTERN
EnSoft Corp | Jan 19 - Present
- Open-Sourcing Atlas and seperating it into Eclipse plugins with extensions and extension points.
- Building a pipeline for automating the build using Jenkins.

SOFTWARE ENGINEERING APPRENTICE
Source Allies | May 18 - Aug 18
- Built and published a React-Native app using John Deere's APIs.
- Reached 100% test coverage wrote over 400 tests with Jest & Detox.
- Built open source library containg 5 AWS lambdas for OAuth1.0a.
- Built CI pipeline for compiling and deploying app into app stores.

SOFTWARE DEVELOPER
Complex Computation LLC | May 17 - Oct 17
- Developed libraries released in the Graph Exploration Language.
- Wrote a high resolution export of Mango using OpenGL/wxWidgets.

ADDITIONAL WORK EXPERIENCE

RESIDENT ASSISTANT
Iowa State University, Friley Hall | Aug 18 -May 19
- Developing a community supporting all residents.
- Advising students with personal, academic and social concerns.
- Enforcing University policies and assisting in crisis situations.

SELECTED PROJECTS

AgPoint | Google Play & iOS Store
- React Native app that updates location in realtime.
- 100% test coverage using Jest
- E2E tests using Detox
- Fully automated deployment process.

OAuth1.0a Lambdas
- Open Source project, several lambdas that act as a proxy between the client and the server for oAuth 1.0a.
- 100% test coverage using Jest
- Full AWS CloudFormation.

SlideKB | github.com/SlideKB
- A mechanical keyboard Slider that automates several tasks using Arduinos.

Mango | complexcomputation.com/en/mango
- An easy to read environment for combined heterogeneous data sets.

PocketPark
- Smart parking app for Android

OTHER PROJECTS

atlas	GridLoc	Reflect.io	RunSamuraiRun	ZeitMap

ACTIVITIES

LEOD AUTOMATION TEAM LEADER
ARABIC CONVERSATION TABLE
SEVEN HACKATHONS
SAILING CLUB

AWARDS

BIG 12 SAILING CHAMPIONSHIP
ISU DEAN'S LIST
ARAB YOUTH CREATIVE ELECTRONIC DESIGN
INTERNATIONAL COMPUTER DRIVING LICENSE
BEST FOOD SECURITY HACK (HACKISU- JOHN DEERE)
ATHARI LEADERSHIP RETREAT
CYBER DEFENSE COMPETITION

SKILLS

Java
C
Node.js
React-Native
Angular
MySQL
PHP

ENGLISH 100%   ARABIC 100%   JAPANESE 25%