

Yousef Al Absi

Software Engineer

Innovative Software Engineer with expertise and experience in full stack software development. Quick Learner and able to master new technologies quickly and is able to work in both team and self-directed settings.

Work History

**2020-02 -
Current**

Software Engineer - Backend

Structurely, Ames, IA

- Met high-scale and high-availability requirements with Flask, Celery, RabbitMQ.
- Conducted test driven development and investigated causes of non-confirming software.
- Researched, designed and implemented scalable analytics and built the front end for it using React.
- Integrated Twilio, Mailgun, Smooch to use a continuous channel system across different channels and connected it to Holmes's brain to respond to leads and integrate them.

**2019-01 -
2019-12**

Software Developer

EnSoft Corp., Ames, IA

- Helped application engineers build automation software based on Jenkins, Maven, and Tycho.
- Open-Sourced Atlas by breaking it into hundreds of smaller OSGi plugins.

**2019-08 -
2019-12**

Teaching Assistant, Com S 227

Iowa State University, Ames, IA

- Delivered weekly labs to 60 students and guided them through the learning outcomes.
- Automated grading of mini assignments by using JUnit and Canvas's API.
- Wrote the GUI for the Space Invaders project with over 200 students in the class.

2018-08 -

Resident Advisor

Contact

Address

Ames, IA, 50014

Phone

(515) 218-7372

E-mail

yousef.absi@gmail.com

WWW

yalabsi.com

Awards

Arab Youth Creative
Electronic Design

Best Food Security Hack,
HackISU

Cyber Defense
Competition

ISU Dean's List

Big 12 Sailing Championship

2019-12

Friley Hall, Ames, IA

- Mentored 60 students in the Computer Engineering learning community in Friley.
- Enforced University policies and assisted in crisis situations.

2018-05 -
2018-08

Software Engineer Intern

Source Allies, Urbandale, IA

- Produced a Geolocation app using React-Native app and John Deere's APIs.
- Produced clean, validation-ready code for project needs with 100% test coverage and over 400 tests using Jest & Detox.
- Developed an open source library with 5 AWS lambdas for OAuth1.0a.
- Built CI pipeline for compiling and deploying app into app stores.

2017-05 -
2017-12

Software Developer Intern

Complex Computation LLC, Ames, IA

- Developed libraries released in the Graph Exploration Language.
- Wrote a high resolution export of Mango using OpenGL/wxWidgets.
- Learned software engineering process improvements and best practices.

Education

2016-08 -
2019-12

Bachelor of Science: Software Engineering

Iowa State University - Ames, IA