KHALOB COGNATA

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📍 Ypsilanti, MI
in khalob
○ khalob

Skills

EXPERIENCED

Java

Javascript

HTML/CSS

Lua

Bootstrap

EXPOSED TO

C

C#

C++

Education

Eastern Michigan University
B. S. Computer Science
3.67 GPA
Expected April, 2018

Jackson County Intermediate School District
Computer Programming 2014
Career center which gave me specialized education in basic programming, web design, and mobile software development.

Employment

Tenneco
Intern
Metal work involving sawing, deburring, crimping, and etching.

3901 Willis Rd, Grass Lake, MI 49240
Aug 2017 to Sep 2017

EMU Dining Services
Supervisor
Handled time clock, setup, closings, cash register, and all shops. I also trained and supervised employees.

St Johns St, Ypsilanti, MI 48197
Aug 2014 to Aug 2017

Phantom Fireworks
Customer Associate
Signed customers into the data system, gave descriptions of the products, setup store front, and stocked products.

916 N W Ave, Jackson, MI 49202
May 2014 to Jul 2014

Projects

Blooming Garden
Jan 2017
www.devpost.com/software/blooming-garden
First place submission to SpartaHack 2017.
Automated miniature home garden that gathered data from Arduino sensors and webcams to optimize growth using machine learning.
Adjust water pump and lighting from anywhere using Amazon Alexa, webserver, or X-keys Input.
Software: PHP, Python, NodeJs, Java, Javascript.
Hardware: Arduino sensors and motor, rotating-arm attached to water pump, raspberry pis, webcams, heat lamp, X-keys programmable keyboard.

Personal Website
Jan 2016 to Current
www.khalob.me
Bootstrap-based website to host projects I have worked on.
Custom animations and completely mobile friendly.
Used: Boostrap, Javascript, CSS3.

Eastern Dining Service Menu Proposal
Dec 2016
www.devpost.com/software/emu-dining-menu
Observed problems with EMU's original food menu website.
Displayed data in a more clear, understanding way.
Redesigned to be mobile friendly, implemented a five star rating and commenting system.
Used: Bootstrap, PHP, CSS3, Javascript, OAuth.

Awards

National Environmental Health Association · Most Innovative Application
Jul 2017
Awarded for designing and presenting: TapCheck - Know your water.
TapCheck is an Alexa skill that allows users to learn about the safety of their drinking water.
By supplying a zip code, users can learn about any safety issues at near by public water systems, the type of containment, how it is caused and much more.

SpartaHack · 1st Place
Jan 2017
Blooming Garden - an automated miniature garden for your home.
Over 700 participants

HackEastern · 2nd Place
Dec 2016
Redesigned Eastern Dining Service's website into a modern and mobile friendly menu with a built in rating system.

Activities

Association of Computing Machinery · Webmaster
Sep 2016 to Current
Eastern Michigan University educational organization representing the computing community.
Maintained website and participated in biweekly meetings.

Volunteering

High School Programming Competition Volunteer · Lab Monitor
Jan 2016
Eastern Michigan University
Helped with setup, cleanup, and monitoring of participants.