

# KHALOB COGNATA

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## Skills

### PROGRAMMING LANGUAGES

Java  
Javascript  
HTML/CSS  
Lua  
jQuery  
SASS  
JSON/XML  
ISML  
C#

### INDUSTRY KNOWLEDGE

Agile Scrum  
Salesforce Commerce Cloud B2C

### SOFTWARE / APIS

Jira  
Git  
Business Manager  
Google Maps  
Google Tag Manager  
Tealium  
BazaarVoice  
WebdriverIO  
SourceTree  
Photoshop  
Unity3D  
Demandware Script

## Education

Eastern Michigan University  
B. S. Computer Science 2018  
3.67 GPA  
Dean's List each semester

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

Lyons Consulting Group  
Application Engineer  
Ann Arbor, MI  
May 2018 to Current  
Plan, write and test code with reusability and quality in mind. Estimate tickets with level of effort and time. Follow an Agile Scrum process. Aid both clients and teammates to follow best practices, while also achieving solutions in a timely manner. Handle a variety of support tasks varying from a complete visual redesign of the storefront to amending custom built multi-ship server-side logic.

Lyons Consulting Group  
Internship (LyonsU)  
Ann Arbor, MI  
Jan. 2018 to May 2018  
Shadowed Application Engineers and studied the Demandware/Salesforce documentation to understand Business Manager and how to develop in Salesforce Commerce Cloud B2C. Sharpened familiarity the platform and it's technology stack(Javascript/jQuery) in preparation for the SFCC Digital Developer Exam.

Tenneco  
Intern  
Grass Lake, MI  
Aug. 2017 to Sept. 2017  
Metal work involving sawing, deburring, crimping, and etching.

EMU Dining Services  
Supervisor  
Ypsilanti, MI  
Aug. 2014 to Aug. 2017  
Handled time clock, setup, closings, cash register, and all shops. I also trained and supervised employees.

Phantom Fireworks  
Customer Associate  
Jackson, MI  
May 2014 to July 2014  
Signed customers into the data system, gave descriptions of the products, setup store front, and stocked products.

## Projects

Blooming Garden  
www.devpost.com/software/blooming-garden  
Jan. 2017  
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  
www.khalob.me  
Jan. 2016 to Current  
Bootstrap-based website to host projects I have worked on.  
Custom animations and completely mobile friendly.  
Used: Bootstrap, Javascript, CSS3.

Eastern Dining Service Menu Proposal  
www.devpost.com/software/emu-dining-menu  
Dec. 2016  
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

Salesforce · Salesforce Certified Commerce Cloud Digital Developer  
Nov. 2018  
Credential ID #19391261

National Environmental Health Association · Most Innovative Application  
July 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  
Sept. 2016 to Apr. 2018  
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.