

Jad El-Khatib

1405 N Hidden Creek, Saline, MI 48176

jelkhati@emich.edu • +1 (734) 678 4672 • <https://github.com/jaderinoo>

Education

EASTERN MICHIGAN UNIVERSITY

Bachelor of Science in Computer Science

- Eastern Michigan University Emerald Scholarship
- Minor in Electronic Engineering Technology
- Muslim Student Association Treasurer
- Related course work:

COSC 311 - Algorithms & Data Structures

COSC 436 - Web Programming

COSC 423 - Computer Operating Systems

ELEC 320 - Microcomputer Circuits

ELEC 314 - Digital Circuit Analysis II

ELEC 420 - Advanced Microprocessors

Ypsilanti, MI

Sept. 2014 – Dec. 2018

GPA 3.0/4.0

Experiences

Exotic Bakeries & Syrian Cuisine

Family Owned Business, Part-time

- Acted as the IT liaison between the POS system third party and the restaurant by setting up the POS system, cable management, and network set-up.
- Assisted the development and currently maintaining the restaurant's website:
<https://www.exoticbakeries.com>
- Managing three employees in the restaurant's front end operations.
- Marketing and advertising duties on different social media platforms.

Ann Arbor, MI

March 2014 – current

Mobile Application Development Freelancing

Self-employed

- Helped MuSikah, LLC by developing prototype apps using Android Studio for its products.
- Assisted the design and logic conversion from Android to the iOS environment (xCode).
- Results: ~ 50,000 downloads across all apps Android – 4.7/5.0 stars with 300 reviews

Ypsilanti, MI

May 2016 – June 2017



Projects

Bootstrap Based Laundry Service Site

Student Senior Design Graduation Project

- Approached by a real start-up client, I worked as part of a team to create a laundry web service in which users sign-up, sign-in, input their information, select packages and assign their availability.
- Developed the retail site using PHP for sessions, HTML and Bootstrap for the GUI, Javascript for the algorithm, CSS for the theme, Fedora for web-hosting and package management, and MySQL for the database management.
- Created administrator based log-in credentials that would allow them to view all current scheduled appointment for planning purpose.
- Results: client was satisfied and used our project as a base for future project development.
- <https://github.com/jaderinoo/COSC481>

Ypsilanti, MI

Sept. 2018 – Dec. 2018

Retail Site with a Late 90's Theme

High Level Coursework Individual Project

- Used Amazon Web Services (EC2, Incognito and route 53) to create a computer hardware retail site in which users can sign-up, log-in, log-out, add to cart, and checkout products.
- Developed the retail site using PHP for sessions, HTML for the GUI, Javascript for the algorithm, CSS for the theme, and MySQL for the product and user info database management.
- Results: Teacher satisfaction and highest grade earned after the presentation.
- <https://github.com/jaderinoo/COSC436RetailProject>

Ypsilanti, MI

Jan. 2018 – April 2018

Custom Bootable Operating System Written in x86

High Level Coursework Individual Project

- Using x86 assembly, I created a personal bootable operating system that presents the user with a message, a logo as well as the current time and date which is tied to the processor clock speed.
- <https://github.com/jaderinoo/423DiamondOS>

Ypsilanti, MI

Jan. 2018 – April 2018

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Leadership

EASTERN MICHIGAN UNIVERSITY

Ypsilanti, MI

Muslim Student Association Treasurer

Sept. 2017 – Apr. 2018

- Provides advisor with summary of financial records at the end of the academic year.
- Prepares purchase orders, requisition forms, and supply requests.
- Coordinates fundraising drive and other events.

HURON HIGH SCHOOL

Ann Arbor, MI

Rowing Team Captain

Sept. 2011 – April 2013

- Served as a leader during all activities by promoting fair play and by creating a positive atmosphere.
- Notified team members of rowing rules and helped coaches organize and maintain rowers and equipment.

Skills

Languages: Fluent speaker and writer in Arabic and English.

Programing Languages: Assembly, C++, C#, Java, Go, HTML, CSS, Bootstrap, React, PHP, MySQL, and Javascript.

Environment: Github, Eclipse, Atom, Visual Studios, Android Studio and Docker.

Software: Microsoft Office, AutoCad, Autodesk, 3Dcoat, and an assortment of video game engines.

Operating Systems: Windows 7, 10, MacOS, and Linux.