# Joseph Manto

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https://www.manto.dev

https://itunes.apple.com/us/developer/joe-manto/id993467436

## Education

**Western Michigan University | 2016 - April 2020**
College of Engineering and Applied Sciences
BS Computer Science expected graduation (2020)

**Classes:** CS1, CS2, Data & file Structures, Foundations of CS, Database Management, Web Tech, Digital logic, Comp Org & Assembly Lang System programming concepts, Algorithms

## Skills

**Languages:**
Java, JavaScript, Objective-C, C, C#, C++, Swift, Cocoa-Script, Python, Bash

**Tech:**
FireBase, GCP, MySQL, Docker, Git

**Frameworks/Libraries:**
ReatJS, NodeJS, ExpressJS, React Testing Library, Jest

## Freelance

**IOS Development Program 2013 | Present**
Developed and distributed IOS and Mac Apps

- Haptic Feedback keyboard for IOS
- "Cross" a spritekit game for IOS

**SpartaHack Hackathon| MSU Feb 2016 & Jan 2017 & Jan 2019**
**GrizzHacks-Hackathon| OU March 2016 & Sep 2019**
- Developed team leadership and time management skills.
- Created a snapchat like social media app. (Sparta Hack 36 hours)
- Learned how to use cloud computing tools like (AWS, GCP)
- Created an interactive sound board app. (Grizz Hacks 24 hours)

## Projects

**OIT-CX - Internal Tool - JS  | 2019**

`JS` `React` `MySql` `Bash` `Docker`

OIT-CX is a full-stack Internal tool which serves an abstract model of various tools which are later dynamically changed for a given department or employee.

**OnePalette - Macos Menu App - Swift  | 2019**

One Palette is a MacOS menu app for UX designers and front-end developers which allows users to make custom palettes with quick access. Automatic copy color codes for any language and any custom color format

**What was learned**
- The basics of Docker.
- Deeply expanded my experience in ES6 concepts.
- Designing abstract complex resueable components.
- JSX
- Managing state in a react component.

- Core Data with dynamic objects.
- Differences between Objective-C and Swift.
- Overriding delgate functions in swift.
- How to deal with reusing views on controller changes.

**More Hosted On Github**

## Leadership

**Student Lead / Web Developer - WMU OIT Help Desk | Present**

- Worked in a team environment leading and helping staff solve problems.
- Developed management skills with a focus in problem solving.
- Managed and delegated 8 3D printers for the university.
- Developed OIT-CX (See Projects) for a summer and capstone project
- Deployed Python and Java based tools on a local webserver to track statistics on 3D printers

**Expanding Skills:**

- Collaboration on problems with co-workers.
- The ability to visualize problems from the customer's point of view.
- Building scalable and lasting code

**Reference:** Dylan Ledbetter (269) 387-5342