# Joshua McDonald

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## Education
**California State University San Marcos**          Bachelor of Science in Computer Science
GPA: **3.80 / 4.00**                                                  Expected Graduation: Dec 2021
**Awards:** Deans List for 3 Semesters

## Relevant Skills:
(*Proficient*): Python, C++, C, Java, CSS, HTML, SQL, XML, React, Django, Flask
(*Familiar*): JavaScript, G-code, C#

## Projects
- ***Stem Cell Bio Printer***
  - Application that creates machine code to combine cells, growth factors, and biomaterials to fabricate biomedical parts.
  - Additional functionality includes pausing printing to solidify object with black light and utilizing sensors to analyze heat. **Python, G-code**
- ***Instagram Web Scraper***
  - A program that automates commonly used functions on Instagram such as logging in, liking posts, following users, and downloading images. **Python**
- ***Geocoding Program***
  - A program that finds places of interest around a certain location given by the user. Utilizes google geocoding/places API. **Python**
- ***QR & Barcode Scanner***
  - Android application that scans and returns information from a barcode
  - Generates a barcode from text input from user. **Java, XML**

## Activities
- SD Hacks                                                                            2017, 2018, 2019
- Fab Friday Software Development Club                                      Spring 2020

## Work Experience
- ***Front Desk Agent***          ***Diamond Resorts***          *May 2018 – Oct 2020*
  - Completed the registration process by inputting and retrieving information from the computer system, confirming pertinent information
  - Handled cash and balanced the assigned cash bank

- ***Sales Associate***          ***Ramona Family Naturals***          *Feb 2018 – May 2018*
  - Received product deliveries, ensuring order and invoice accuracy
  - Catered special events

- ***Sales Associate***          ***Big 5 Corporation***          *Oct 2015 -- Mar 2016*
  - Provided customer service and sales through customer engagement
  - Assisted with unloading trucks and processing freight