JOSHUA R. MCDONALD

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EDUCATION

California State University San Marcos **San Marcos, CA** **Fall 2019 – Present**
- Computer Science, GPA: 4.0.
- Relevant Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Calculus.

California State University San Marcos **San Marcos, CA** **Spring 2019**
- Computer Science, GPA: 3.8.

TECHNICAL EXPERIENCE

Projects
- **Low Interaction Honeypot** – Linux application that opens a listener that records the IP and port of a connecting device. Python
- **Packet Sniffer** –Linux application that monitors data packets sent through the user's network. Python
- **QR Barcode Reader/Generator App –** Android application that has a function to get a user's input and create a QR barcode, and a second function to scan current barcodes and read the information. Java, XML

PROFESSIONAL EXPERIENCE

Front Desk Agent **Diamond Resorts** **Spring 2018 - Present**
- Completes the registration process by inputting and retrieving information from the computer system, confirming pertinent information.
- Handles cash, makes change and balances the assigned cash bank.

Sales Associate **Ramona Family Naturals** **Fall 2017 – Spring 2018**
- Receives product deliveries, ensuring order and invoice accuracy.
- Catered special events

Sales Associate **Big 5 Corporation** **Fall 2015 – Spring 2016**
- providing customer service and selling through customer engagement
- Assist with unloading trucks and processing freight

ADDITIONAL EXPERIENCE
- **Fab Friday Tech club:** Organization that consists of teams of students that construct computing solutions for real-world projects and challenges presented by community and industry partners.

Languages and Technologies
- C++; C; Java; Python; XML; C#
- Visual Studio; Eclipse; Android Studio; Windows; Linux