California State University San Bernardino
School of Computer Science and Engineering

CSE 5750 Internship in Computer Science and Engineering

Date

December 10, 2021

Time

11:00

Location

Title

A Semester Working in E-Commerce

Student

Eric Diaz

Advisor

Yan Zhang

Abstract

The internship revolved around building and enhancing the "Channelizer" system as well as providing support and data pulls for our sales and marketing team. The Channelizer, written in Java, is in charge of all of the software development that revolves around sales. This system communicates with the API's of 5 different retailers including Amazon, Walmart, Sears, NewEgg, and Target as well as our own managed marketplace. The type of work included everything from working with designers to create email templates that uses order data from a Mongo database and generates the necessary html to create marketing and receipt types of emails. On top of that, the project included upgrading to a new Walmart API to allow us to list new product categories as well as to take advantage of their new promotion and strikethrough pricing system.