California State University San Bernardino

School of Computer Science and Engineering

CSE 575 Internship Presentation

Date:

June 11, 2019

Time:

12:00pm

Location:

JB 359

Title:

Optimal State Mobile Application Internship

Student:

David Cruz

Advisor:

Dr. Arturo I Concepcion

Abstract:

Internship start date, March 30th, 2019; under the direction and instruction of Amy Wheeler and George Mantoan, owners of the company Optimal State. Internships goal was to design and develop Optimal State an application. The application is intended to provide the users with the company's content and material in a mobile device with the end goal of improving the overall well-being of the users. Development of the app required usage of: Android Studio, Firebase, Git, and Java together to develop the desired features the app required. Things I learned throughout my internship include how to design and develop responsive UI, create efficient code, version control, database management, and much more. Internship experiences which enhanced my overall education were working on a team to develop a large-scale project, professional meetings, and constant communication as a team which all greatly impacted my software engineering skills and abilities in a positive manner.