## FLORIDA STATE UNIVERSITY FAMU-FSU COLLEGE OF ENGINEERING

## SHAPE DATA ANALYSIS FOR MACHINE LEARNING IN POWER SYSTEMS ${\bf APPLICATIONS}$

By

## JOSE DAVID CORDOVA GUILLEN

A Dissertation submitted to the
Department of Electrical and Computer Engineering
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

2019

Jose David Cordova Guillen defended this dissertation on February $4^{th}$ , 2019. The members of the supervisory committee were:	
	Sastry Pamidi Professor Directing Dissertation
	Anuj Srivastava University Representative
	Eren Ozguven Committee Member
	Hui Li Committee Member
	Simon Foo Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.