



# **Distracted/Drowsy Driver Detection on Snapdragon Mobile Platform**

**Chase Tanner: Major in SE**

**Salman Shekh: Major in SE**

**Tarig Elamin: Major in SE**

**Thanh Dat Vu: Major in SE**

Course Instructor: Simon Fan

Faculty Advisor: Simon Fan

Industry Sponsor: Qualcomm

Industry Mentor: Gautam Fotedar, Prathamesh Mandke

A capstone project report submitted to the faculty of  
Computer Science and Engineering  
California State University, San Marcos

**November 2025  
(Version 2.0)**

***Technical Report Series: CSU-SM-CSE-39-2026-SE-001-Team-009***