

**MASTER'S PROJECT (FALL 2018)****TOPIC:** *An Interface for Cloud-Based Records of Student Profiles Using AngularJS***PRESENTOR:** Vishalkumar Limbachiya**ADVISOR:** Dr. Haiping Xu**DATE & TIME:** Thursday, December 6, 2018, 10:00 AM**LOCATION:** Dion 302G (Demo)**COMMITTEE MEMBERS:** Dr. Ming Shao and Dr. David Koop**ABSTRACT**

Graduate students at the Computer and Information Science (CIS) Department, UMass Dartmouth, are required to meet with the Graduate Program Advisor (GPA) in person for course approval. In order to have courses, such as 400-level undergraduate courses and graduate courses offered outside of the CIS Department, to be counted for credits towards one's Master's degree, a student needs to submit his/her undergraduate and graduate transcripts as well as other needed documents to the GPA. This procedure has been very time-consuming and inefficient for both the students and the GPA; thus, there is a pressing need to simplify the procedure and automate some of the steps in the process. In this project, we developed an interface for cloud-based records of student profiles using AngularJS. As a front-end mechanism based on the MVC (Model-View-Controller) model, AngularJS can be used to implement a highly-maintainable, reusable, decoupled and dynamic web application in a PHP framework. The implemented interface consists of two major components, namely the general one for graduate students and an administrative one for the GPA. The interface for graduate students allows a student to upload the needed documents into a private cloud, verify the uploaded files, and check the approval status. To ensure a student's private information to be invisible to other students, a student ID and the student's email address must be matched when the application status and uploaded files are sent by email. On the other hand, the administrative interface allows the GPA to review all students' submitted documents online, make decisions on acceptance or rejection of a particular case, and notify the student about the decision by email.

URL: <http://www.cis.umassd.edu/~hxu/courseverify/>