George Corser

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Informational Summary

Summary of History

Employment commenced on July 1, 2014. Not yet eligible for tenure.

Accomplishments to Date (2014-2015)

Teaching: ***Taught eight sections of three computer programming courses*** (32 credits) in 2014-2015. Received average student evaluation rating of 1.7/5.0 rating and 3.9 RateMyProfessors rating. Courses: CIS-255, Client Side Web Development (taught twice), CIS-355, Server Side Web Development (taught three times), CS-116, Introduction to Programming in C++ (taught three times). Now teaching CS-403, Mobile App Development (Android) and CS-461, Theory of Computation. CIS-255 and CIS-355 required complete overhaul and preparation of new course material, as did CS-403 and CS-461. Also taught CS-290 and CS-390, Independent study, which led to two symposium presentations and one paper submission to an IEEE conference. ***Won one teaching grant***, a Dow Professor Award ($5000) for collaborative computer science education. Served as one of four faculty advisers of interdisciplinary teaching project, **Cardinal Solutions**, which develops internet marketing solutions for real customers, working with students from Art, Business, CSIS, and Writing.

Research: ***Wrote nine papers*** in 2014-2015, three of which were journal papers, five of which were as first author. ***Won two research grants***, a Faculty-led Undergraduate Research grant ($1000) for a *paper accepted at IEEE conference*, ICNC 2016, and a Faculty Research/Growth grant ($3200) for VANET privacy studies. Led 2 undergraduate students in summer program, NSF Research Experience for Undergraduates (REU) at Oakland University.

Service: Organized **TEDxSVSU**, TED talks at SVSU. Managed fifty student and faculty volunteers. Secured the license from TED and ***won a service grant*** ($5500) from SVSU Foundation Research Grant Program to fund the project. Served as faculty adviser of two registered student organizations (RSOs), **TEDxSVSU** and **Cardinal Bitcoiners**.

Future Goals and Objectives

I am now transitioning, from primarily a researcher, to primarily a teacher. My research is evolving, from the study of computer systems, to the study of how people learn to build and measure computer systems. For example, a recent Dow Professor Award grant is helping me to build a community of local computer science teachers. The output of this project will be a website of materials for teachers who want to teach computer science… and want to measure the effectiveness of the teaching. If successful I intend to apply for a research grant from the NSF to test the model in different locales, nationwide.