Adjunct Lecturer
Northwestern University
EDC 110: Engineering Design and Communication
Winter 2011

Course Description: EDC is a required course for all Freshman Engineering/Computer Science majors at Northwestern. In this course, student teams work with real clients to solve authentic engineering problems while simultaneously learning to communicate with a variety of audiences. This course is co-taught by an engineering and a communication professor.

Teaching Description: This is a project based class, where there are sixteen students divided into four groups. Each group works on the same real world project. In this instance, the project was to build a web site that would explain various heart conditions to patients of a heart specialist located in Milwaukee, Wisconsin. My responsibilities as a lecturer included presenting new material to the class, and also meeting with individual student groups during class to assist them with their project. I also gave outside tutoring sessions when appropriate. In addition, I facilitated meetings between students and their client, which involved scheduling and occasionally driving students to Milwaukee, and talking with the client to assist them in meeting the class at Northwestern when appropriate. I also met with the Communication professor weekly to divide teaching responsibilities and coordinate lectures.

Undergraduate Research Advisor
Northwestern University
2008-present

Description: My current academic advisor, Dr. Kristian Hammond, teaches several project-based courses. When appropriate I serve as an undergraduate advisor to students in these courses. For example, I served as an advisor to a group in EDC 110: Engineering Design and Communication, who were building a website for a local theater group. I am currently serving as an advisor for a group in EECS 395/495: Innovation in Technology and Journalism. This group is designing a system that analyzes Congressional bills and tries to find "pork barrel" projects included in these bills.

Teaching Assistant
Northwestern University
EECS 110: Introduction to Computer Programming
Winter 2009

Course Description: This is an introduction to programming practice using the python programming language. In this course students systematically design, construct, and test their computer programs.

Teaching Description: I coordinated student labs and assisted them with their lab assignments. I occasionally taught this course when the professor was not available. In addition I held outside office hours to assist students with their homework, and graded assignments and exams.

Teaching Assistant
Northwestern University
EECS 111: Fundamentals of Computer Programming
Spring 2009

Course Description: This is an introductory course of on the fundamentals of computer programming. The programming language of focus is scheme. This is a complementary course to EECS 110: Introduction to Computer Programming.

Teaching Description: I held tutorials sessions as needed. I occasionally taught this course when the professor was not available. In addition I held outside office hours to assist students with their homework, and graded assignments and exams.

Teaching Assistant
Northwestern University
EECS 130: Tools and Technology of the World Wide Web
Fall 2008

Course Description: This class is an introduction to the current state of the art tools and techniques used to design, build and maintain web pages, sites and applications.

Teaching Description: I held outside office hours to assist students with their homework, and graded assignments and exams.