**UIC CS FACULTY SCHEDULER**

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**Introduction**

Why did I choose undergraduate research? Well, I always relish the opportunity to set my own schedule (sometimes to my own detriment). I also liked the idea of a semester-long side project with Pat Troy. We’ve talked about various aspects of CS and coding in the past, especially feedback on the new CS curriculum and the curriculum as a whole.

When I came to Troy and told him we were doing research, we once again talked about the CS curriculum; this time, about possible gaps in subjects covered that could be filled in the future. One of these gaps is the topic of Web Development. Most CS students end up teaching themselves some web development at some point in their UIC career, but there isn’t any academia related to the topic. With the possibility in mind of a future tech elective, I was tasked with researching what materials such a class would need and, most importantly, whether or not the known UIC-hosted web service, <people.uic.edu>, would suffice for an entire class of students.

It didn’t take me long to realize that the best resources for such a course were all over the web, in fact, there was no need to create new materials for the course given the wide range of stuff available. I also quickly concluded after a little research and questioning that [people.uic.edu](file:///E:\workspace\uic_cs_faculty_scheduler\paper\people.uic.edu) would easily support a class of students.

**What is this?**

Well, I had to do something to fulfil my research requirements for credit.

As it turns out, Professor Troy is in charge of choosing which CS professors teach each class every semester for the following semester. As such, he suggested this project as a potentially viable solution to this manual task by choosing professors using a GUI application.

This application does just that. Also included is a GUI editor for updating which classes each CS instructor teaches. Despite a relatively simple GUI, this project features an attention to detail and professional object oriented design throughout code.