CAPSTONE NEWSLETTER

Welcome to issue three of the NDSU Computer Science Capstone newsletter for the 2021-22 school year. Class registration is wrapping up and the project descriptions are coming in. Currently, we have good alignment between the planned projects and the number of students in the class.

KEY UPCOMING DATES

JANUARY 7TH
Submission deadline for a three-minute pitch video

JANUARY 10TH
Class starts

JANUARY 24TH
Project kick-off

PROJECT BIDDING PROCESS

The project bidding process and project team selection takes place during the first two weeks of class. Here's an overview of how that is planned for this year.

During the first week of class, I will deliver a brief overview of each project for the students. They will also have access to the project definition PowerPoints. This is where a video from you can really help your project stand out. I won't be able to pitch your project as well as you can, so consider pitching it yourself! Doing so is easy, just submit a three-minute video to me by January 7th.

At the end of the first week, the students provide the following "bids" on the projects:

- In priority order, each student identifies three projects they prefer to work on. They also can provide rationale for their selection.

- Each student also identifies one project they don't want to work on.

Then the work starts for me. I will work through these inputs and map students into projects. The goal, of course, is to maximize preferred project assignments and avoid undesired projects. If all goes well, the students will be notified of their assignments early in the second week of class.

Once the students have assignments, the next step is some coaching on how to engage with you in the first meeting and beyond. This will also happen in the second week of class, and you can expect the project team to reach out to you on or before the start of the third week on January 24th.

Please don't hesitate to reach out to me with questions.

2022 PROJECTS

I'm excited to have the students start working on the projects that you have identified for this year. All projects for this year come from "repeat clients". As with any organization, repeat business is a good thing! Thank you for your continued support of the program.
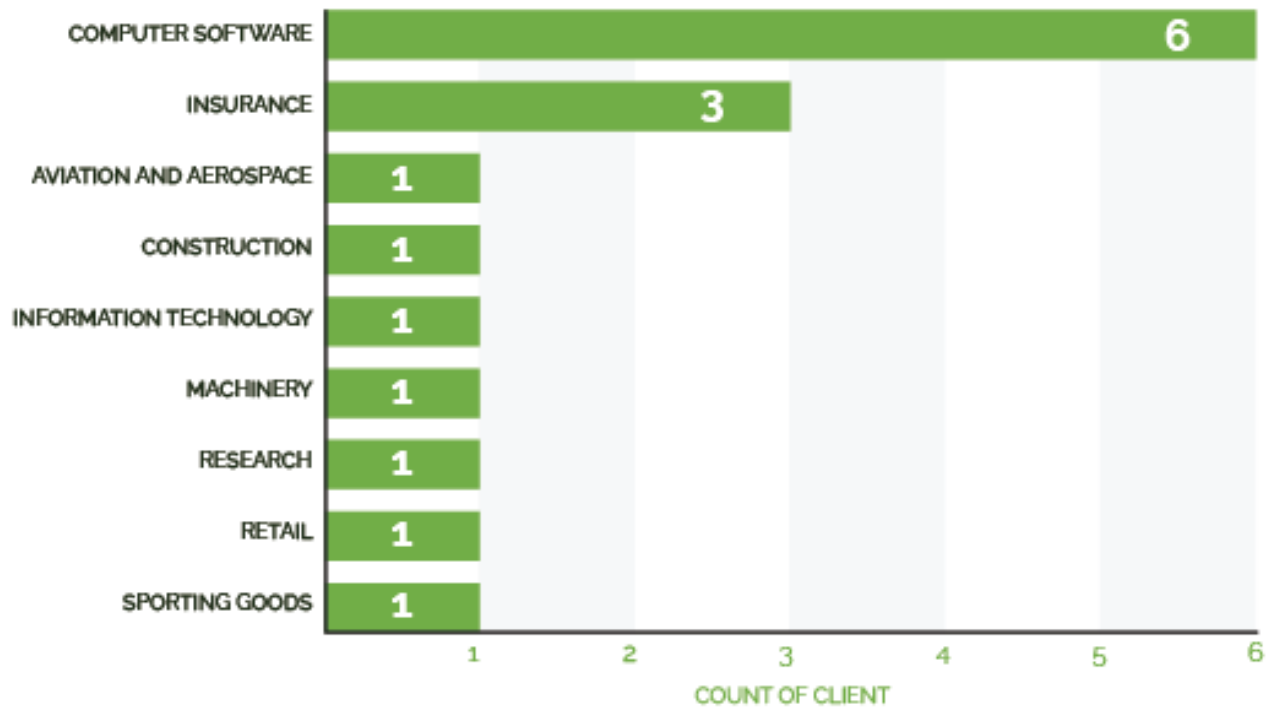
The projects come from companies in a variety of industries, regions, and sizes. Here are a few charts to give you a feel for this year's group (all data is sourced from company information on LinkedIn).
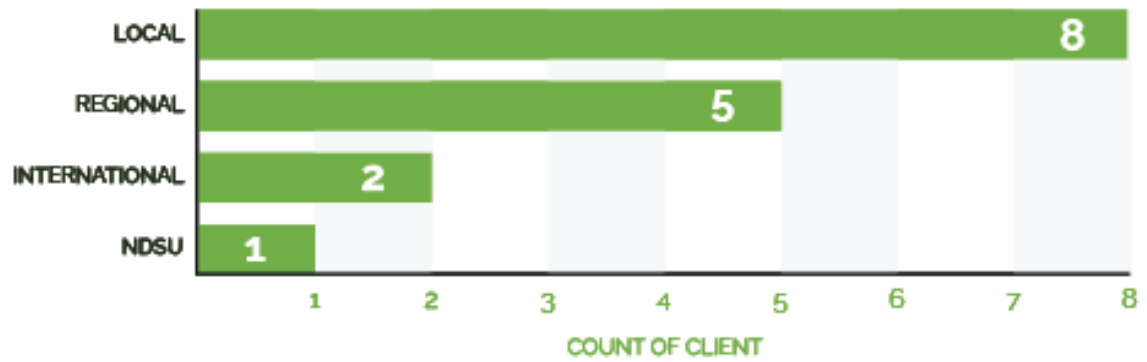
LOOKING AHEAD

I am working to align the project proposal and legal process with other departments in the College of Engineering. There will be a couple more steps this year and you should expect an email from me soon if you have a project this year.

Besides the project logistics, the month of December will be working with the 2022 project sponsors to set up the projects for success. In the next newsletter in early January, I will share the Capstone engagement model that I will use as a framework for the students.

COUNT OF CLIENT BY **INDUSTRY**

Industry	Count of Client
COMPUTER SOFTWARE	6
INSURANCE	3
AVIATION AND AEROSPACE	1
CONSTRUCTION	1
INFORMATION TECHNOLOGY	1
MACHINERY	1
RESEARCH	1
RETAIL	1
SPORTING GOODS	1

COUNT OF CLIENT

COUNT OF CLIENT BY **GEOGRAPHY**

Geography	Count of Client
LOCAL	8
REGIONAL	5
INTERNATIONAL	2
NDSU	1

COUNT OF CLIENT

COUNT OF CLIENT BY **ORGANIZATION SIZE**

Organization Size	Count of Client
SMALL (1-100)	6
MEDIUM (100-1,000)	5
LARGE (1,000-10,000)	2
EXTRA LARGE (10,000 AND UP)	3

COUNT OF CLIENT