COLORADOSCHOOLOFMINES.
EARTH ● ENERGY ● ENVIRONMENT

PROPOSAL FOR CAREER DAY PROGRAM GUIDE APP

INTRODUCTION

Each year, Colorado School of Mines Career Day hosts the two largest career events in Colorado. These all-encompassing (intern and full-time) engineering, science and technology events are held the second Tuesday after Labor Day, and the second Tuesday of February. The primary objective of the Mines Career Center is to offer students and graduates the opportunities to connect with companies and organizations, to enhance the diversity of their career prospects. As with the majority of engineering schools, the larger of the two events is the fall event. Mines Fall Career Day traditionally has the majority of the employers registered by the end of July. Many organizations continue to register until the day of the event. The Spring Career Day event is still large. However, the majority of the registrations are not complete until 4 weeks prior to the event. As with the fall, many of the organizations continue to register until the day of the event.

Upon registration, company data is collected in a SQL database. Much of this data is used to produce the Career Day Program Guide (available in hard copy and a static electronic copy in DiggerNet). After this guide is printed, a supplemental addendum is published with late registrants, new booth maps and revised company information. The program guide and addendum both provides students with information on:

Data Field	Source	Notes
Company Name	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Recruiter Name	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Recruiter Title	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Phone	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Email	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Company Website	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Majors & Degrees Sought by Company	SQL - imported into Excel	New data added and current data revised until date of Career Day
Company Description	SQL - imported into Excel / Word	New data added and current data revised until date of Career Day
Logo	Sent in JPEG, PDF, GIF and PNG, located in file on Mines network	New logos added until date of Career Day
Booths Location	Excel spreadsheet	Assigned by Career Center - Unknown until several weeks prior to the fair. Changes up until date of Career Day
Industry	Excel spreadsheet	Created by Career Center. Additions up to date of Career Day
Booth Map	PDF	Created by Career Center. Changes up until date of Career Day
Company Display Ads	Sent in JPEG, PDF, GIF and PNG, located in file on Mines network	New advertisements added until date of Career Day
Job Search Tips	Located in file on Mines network	

PROJECT DESCRIPTION

The purpose of the Career Day project is to create online app (web or mobile) for Career Day. The USG proposed that in addition to the hard copy book, having an app option for students to look at companies prior to and during the event using would be very useful. The request includes the ability to search companies by industry, major, location, and keywords. In addition, the app will need to allow for data updates and uploads of pdf files and graphics. The availability of access to the SQL file by the group is yet undetermined by Mines IT group (CCIT & Enterprise Systems). However, data is currently available in CSM, Excel, and Word. Images, ads and documents are available in JPEG, PDF, GIF and PNG formats.

Due to the scope, the project is projected to be ongoing, implemented in several phases. Links to similar platforms will be provided to the team. Other applicable details for the proposed project include:

- **Contact:** Director of the Career Center, Jean Manning-Clark, jeanmann@mines.edu. Limited in technical knowledge, but will pull in campus resources to answer many of the technical questions.

- **Team Size:** The optimal team size is 3-5 students. However, that number is adaptable.

- **Skill Set:** The desired skills projected for this project include but may not be limited to HTML, CSS, JavaScript, and Excel.

- **Location:** The work can be performed on-campus in the Career Center or other locations/labs that would provide the necessary technology.

- **Summer Work / Internships:** At the end of the field session, students would have the opportunity to continue to work on this project as paid technical student assistants. The work would be on-campus and the hours are flexible (between 8-5, M-F).

This is a great project to work on with many direct benefits to the Mines community. This project will enhance any career portfolio.