

CS Field course proposal

Company: Compton Integrated Analytics is a consulting firm near Denver that specializes in custom software, geologic analysis, and data analytics for the energy industry but mainly focused on oil and gas.

Background: I am building out a SaaS product that is a baby step past prototyping and am on the hunt for an initial group of customers for my Beta program.

Understanding how customers use the software will improve their experience. Metrics such as time spent in the software, key interaction points/times, and exit points help clarify main takeaways from verbal interactions with customers and can lower the burden on them to provide accurate and thorough information.

Student profile/skills: Students interested in building a user analytics application for a single-person startup in the later stage of prototyping/early-stage of final product design and building should sign up. Being scrappy and innovative is required, so curiosity and a desire to try/learn new things is key.

It's probable a team of 3-4 will be best for this work, and if there is a good fit and funding can be secured, continued work through an internship is a possibility. The work will be nearly all remote, though a few in-person meetings on Mines campus or nearby are not out of the question, and the team is encouraged to work together as often as possible.

As work progresses, it's possible an NDA will be requested. All IP produced will be property of the company, but students are allowed and encouraged to include the work as part of a portfolio to obtain future employment.