**Client:** Joel M. Bach (jmbach@mines.edu)

**The Project:** Development of a mobile app for analysis of manual wheelchair propulsion.  We are developing an Arduino based solution for monitoring wheelchair distance, velocity, direction, etc.  Initially this is hardwired to a PC, but to be useful it needs to communicate via Bluetooth to a mobile device.  The mobile will be used to store, analyze, display, and upload relevant data.  We're looking for a team to develop that app.

**Desired skills/experience:** Mobile device app development.  Android is preferred, though a cross-platform solution would be ideal.  Understanding of Bluetooth communications and relevant coding an added bonus.  Strong software engineering skills are required (the code must be adaptable and maintainable by future students).

**Location:** On campus