Technical Project Manager
Seeking CS/ECE Student for Part-Time
Paid Position

The Interdisciplinary Lab for Social Development at the Beckman Institute is seeking an advanced undergraduate or masters-level student to fill the role of Technical Project Manager. The Technical Project Manager will contribute to the development of a remote-sensing platform used in research with infants and young children.

Job Responsibilities:

- Develop multimodal sensing hardware and software capabilities on embedded systems.
- Conduct device testing and trouble-shooting of the platform, including iOS and/or Android applications.
- Develop and automate data pre- and post-processing pipelines.
- Develop data visualization tools, user interfaces and outputs.
- Oversee compilation of data files and creation of software and hardware documentation.
- If desired, the Technical Project Manager will also have opportunities to collaborate with the research team on scientific reports and presentation.

Required Skills:

- Degree in Computer Science, Electrical Engineering, or related field.
- Excellent communication and organizational skills are a must; excellent ability to manage time effectively to meet deadlines.
- Sound knowledge of embedded systems and at least one year of experience (e.g., prototyping hardware, programming Arduino, understanding electronic inter-connects, quality control/test protocols, etc.).
- Strong data organization skills (e.g., running basic databases on a server, plotting graphs and visualizing trends, writing scripts to ferry data, encrypt appropriately, etc.).

Position details:

- Position will begin immediately (August 2020) and will continue through the Fall semester
- Approximately 20 hours/week
- Hourly rate begins at $17.00, but will depend on prior relevant experience

To apply: Please send your resume and cover letter to Jordan Bodway at krwczyk2@illinois.edu