

# 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](mailto:krwczyk2@illinois.edu)