

Industrial/Organic is converting food scraps into high-value resources, using a proprietary process that looks and operates like a brewery. Our multi-step mechanical and biological process rapidly recycles biodegradable material into sustainable alternatives to agricultural and consumer products.

We are reimagining the recovery of water, nutrients, and energy at our first facility near Newark Broad St train station. Among other technologies, I/O is developing a process for creating electricity from organics. We are looking for a highly talented and motivated intern to aid in the development of a bioelectrical water treatment system, and overall process controls. A study focus in electrical engineering or computer science is highly applicable. In addition, the ideal candidate excels at both creative and critical thinking, appreciating the connection between technical details and the bigger pictures they inform.

#### TITLE

Automation and Bioelectricity Intern

#### LOCATION

Newark, NJ

#### WORK HOURS

Monday through Friday, flexible hours in between starting 9:30 a.m. and ending at 5:30 p.m.

#### KEY RESPONSIBILITIES

- Assists in the development of energy harvesting circuitry
- Aids in the selection of batteries and other circuit hardware
- Assist in the design, execution, and data collection for optimization trials

#### SELECTION CRITERIA

##### Education

- Currently pursuing a B.S or M.S. in electrical engineering, computer science, or related fields.

##### Key Qualifications

- Past experience with intermediate to advanced circuit design, and/or process controls programming
- Genuine interest in the development of status-quo challenging technologies
- Willingness to immerse yourself in unfamiliar research and concepts
- Open and honest communication skills