Our company:

We practice Precision Beekeeping here at UBEES and are committed to our goal: Supporting honey bee health, lowering annual losses of honey bee colonies, and protecting wild pollinators. By combining traditional beekeeping expertise with innovative science and technology, we believe we can reduce honey bee mortality rates, help to sustain the beekeeping industry, and increase pollinator supportive habitats.

Precision Beekeeping means leveraging innovative science and technologies to optimize the performance of traditional beekeeping knowledge and expertise: Data Driven Management, Scientific Research-based on data collected at our California lab located in pollination areas, eco-friendly, non-intrusive technology to reduce stress in the beehives.

Our Research & Development program includes six areas of research: foraging environment, sensors/IoT, software development and data analytics, bee biology, beekeeping process evaluation, and honey production.

For our Sensor and IoT project, we are looking for an intern to help us design IoT sensors to be housed in beehives in order to monitor bee health in real time. The intern will help us in the design phase both on electronics and user-friendly design, will test the prototypes, test the IoT networks in our locations, and work on the next generation of features and on the industrialization. Our goal is to build the best sensors to monitor bee health with limited impact on the bee environment. More information on www.ubees.com or https://www.facebook.com/UbeesUSA/

Your role:

As Intern, you will primarily manage several R&D projects regarding bee environment and health. Some of your responsibilities include:

- Ensure that field trial objectives are clearly defined and aligned with UBEES needs.
- Coordinate field research trials and design test protocols to evaluate and determine network, hardware, and software solutions to integrate into honey bee hives.
- Support development of new sensors and software to integrate into commercial honey bee hives
- Compile and analyze large data sets, create summary reports and action items based on the data.
- Develop case studies from field trial results and clearly communicate these to the R&D and management teams.
- Effective management of multiple projects, ensuring clear alignment of goals and deliverables with R&D and large-scale beekeeping operations’ needs.
- Clear communication, presentation and reporting of experimental activities and results through written reports and PowerPoint presentations.
- Maintain safety standards. Promote a safe working environment for all employees.
- Ensure the security of UBEES’ confidential and proprietary information and materials.

You will also be given the following opportunities:

- Observe and learn from experienced beekeepers and managers
- Work with state-of-the-art sensor and network companies
• Identify any areas of particular interest for which you would like more exposure

**Qualifications:**
• Individuals should be pursuing an undergraduate or graduate a degree in relevant fields. Graduates with one to two years of experience will also be considered.
• Strong TCP/IP knowledge
• Strong organizational skills with ability to do multiple tasks and solve problems with a sense of urgency with minimal supervision.
• Needs to be dependable, reliable, self-starter, and able to work independently as well as a member of a team.
• Able to lift 40 pounds, ability to work in strenuous field conditions.
• Travel to local and regional farms will be required on a daily basis, with occasional longer distance domestic.
• Driver’s license and the ability to be covered under company-sponsored vehicle insurance program are also required.
• Must have a strong scientific mindset and analytical skills.

**Location**
Davis, California with travels to Minnesota, South Dakota, Texas and Oregon

**Start date**
May 2018

**Wage**
Commensurate with experience

Interested? Please send your application (resume and cover letter) to hr@ubees.com refer to “Intern” in the title