

We don't consider what we do at Hartman Engineering work; we are fulfilling our passion for a better future for our family and friends in agriculture across the nation. Our firm was born in the San Joaquin Valley, where at one point there were nearly 2 million dairy cows. As the human population continues to grow, so does the demand for healthy, locally grown foods. Agriculture will continue to be pressured to create more with less, and we are here to provide proven solutions to do so.

Hartman Engineering is seeking to fill a role in Visalia, CA as an **Assistant Engineer**, with an approximate commencement date of December 2021. This role will directly report to the Engineering Team Lead. An ideal applicant will successfully complete an array of office and field tasks as needed in order to achieve project success, positive client relations, and self-fulfillment.

#### Job Duties

##### **Communication:**

Under the direction of the Engineering Team Lead, Associate Engineers are expected to effectively and efficiently communicate both internally and externally. This includes:

- Engaging in daily check-ins and updates with the Engineering Team Lead and other engineers
- Email correspondence with internal coworkers and external clients
- Tracking project tasks and reviews
- Facilitating video conference meetings with coworkers

##### **Technical Writing:**

Facilitating the understanding of complex, technical information for state and local agencies. The ability to prepare, review and revise the following technical documents:

- Dust Control Plans
- Spill Prevention, Control and Countermeasure Plans
- Stormwater Pollution Prevention Plans
- Operation, Monitoring, and Maintenance Plans
- Control and Quality Assurance Plans
- Waste Management Plans
- Nutrient Management Plans
- Dairy Work Plans
- Report of Waste Discharge

##### **Drafting:**

Drafting with precision, accuracy and timeliness using Civil3D while meeting the standards of the company and governing entities that oversee the published

documents.

- County and Construction Site Plans
- Plan and Profile Detail Exhibits
- 2-D and 3-D Dimensioning and Detailing
- Assembly of Project Construction Sets

### **Design:**

Using critical thinking and technical references to make design suggestions and decisions for various projects.

- Organize and import topographic data into ACAD Software
- Create existing surfaces from collected topographic data
- Create proposed surfaces for earth grading or concrete construction
- Create volume surfaces to get design quantities
- Calculate the hydraulic grade line for a proposed system
- Calculate pipe sizes and slopes
- Operate truck turning template software add on
- Understand and use information from geotechnical reports to make design decisions
- Calculate concrete specifications using structural design methods

### Job Requirements

#### **Education:**

- Must have graduated from an accredited college or university with a B.S. in Civil Engineering or a degree of equivalence
- Degree in a different engineering field will be reviewed on a case-by-case basis

#### **Credentials:**

- Passed or planning to take Civil FE Exam
- Exam in a different engineering field will be reviewed on a case-by-case basis

#### **Knowledge:**

- Principles and practices of Civil Engineering as applied to public works, traffic, transportation, and wastewater engineering
- Modern methods and techniques used in the design and construction of a wide variety of projects
- Modern office methods and procedures
- Computer literate in use of common hardware, software, and program applications

#### **Experience:**

- Previous internship or job in the civil engineering field
- Experience in a different engineering field will be reviewed on a case-by-case basis

### General:

- Must have a passion for agriculture
- Must be willing to do construction quality assurance when low on Field Technician labor capacity
- Must pass a background check and drug test screening
- Possession of or ability to obtain a valid driver's license by time of appointment

### Benefits

- Full employee health, vision and dental coverage (PPO plans available at no cost to employee)
- 401(k) plan with 4% company match
- Profit sharing
- Cell phone plan reimbursement
- Paid time off
- Apparel allotment
- Company paid certification opportunities
- Complimentary coffee/snack/drink assortment
- Smaller firm, with great opportunity for career advancement and growth

Cover letters are preferred for this role. The questions can be found below.

To be answered in one page:

1. What is your background in agriculture? If none, what interests you about serving the agricultural industry?
2. Given our objective statement at the top, why do you believe you would be a good fit for Hartman Engineering?