



## Seasonal Shipboard Position: Engineer

**Accountability:** Captain(s)

**General Scope:** As the Engineer, you are an active crew member living and working aboard the historic schooner *Adventuress* with up to 12 other crew and up to 24 other participants during an overnight program and up to 45 on day programs. Programs aboard *Adventuress* range from 3 to 6-day overnight voyages, as well as 3 to 5-hour day sails with students, dockside tours, 3-hour sails for the public, festivals, transits, fundraising events and other day sails.

As the Engineer, you are responsible for maintenance and repair of shipboard mechanical and electrical systems; maintain accurate records, troubleshoot and problem solve systems issues, manage resources and maintain supplies on board ship, research issues, locate and order parts/supplies, through an allotted budget. Systems on board: JD 6068 propulsion engine installed in 2018, near new AC/DC electrics/components, much new plumbing, as well as leftover good dose of older-vessel systems charm 😊 !

Develop positive relationships with volunteers and participants, assist with sailing and ship maneuvers, deliver engineering curriculum during day and overnight programs as needed. Note: Role may require longer hours than the rest of the crew, if equipment or systems need repair or maintenance.

**Compensation:** Seasonal Paid Position. \$2000/month. Meals and lodging provided on the ship, minimum of 6 days off per month, on-the-job training. This position is required to live-aboard.

### ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Participate in all aspects of shipboard life: chores, sail prep and sail handling, stowing of ship and personal gear, group decision making and process, anchor watch, and ship maintenance.
- Assist in solving problems which may involve the education program, galley, participants, coworkers, volunteers, or the living community, etc.
- Positively represent Sound Experience to participants, public, parents, and teachers through upholding Sound Experience's vision, mission, and values.
- Establish and expect shipboard culture of inclusivity, intentionality, safety, and care for people and the environment. Create a supportive learning platform and a welcoming community.
- Always use prudent judgement concerning the safety of participants and crew and serve as a role model.
- Help train and work with interns and volunteers in shipboard activities
- Participate in crew meetings, feedback sessions, program debriefs, and fill out evaluations as requested.
- Actively monitor and maintain ship's systems and communicate with captain(s) regarding necessary maintenance, system updates, and engineering department needs.
- Responsible for all systems on *Adventuress* (water, sewage, electrical, diesel engines, stoves, gasoline outboard engine, et al.) to be maintained in safe and working order, utilizing best practices and compliant with any appropriate CFRs.
- Responsible for keeping accurate records, and engineering maintenance logs on a daily, weekly, and monthly basis. Keep shipboard Engineer's Manual updated with any system changes.
- Maintain tools, along with along with a tool inventory and keep onboard workshop space clean and orderly always.
- Work on variety of ship-related projects as identified and/or assigned.
- Supervise and follow up on volunteers who are working on engineering projects, including take-home projects.
- Track projects and create monthly expected expense report with support of the Captain(s). When purchasing for the ship, turn in all receipts to Captain immediately after purchase.



- Know the emergency response protocols and respond to all shipboard emergencies and emergency drills as assigned.
- Be prepared to deliver engineering and onboard resource management (e.g. water, fuel, tank space, etc.) lessons or presentations to participants, involve participants in systems-related tasks.
- Provide written end-of-season turnover report to the Captain(s) and following Engineer.
- Interact and engage students, adults and members of the public daily.
- Willingness to participate in providing medical care to the level of your training.
- Other duties as assigned

**Qualifications:** The qualifications listed below are representative of the knowledge, skill, and/or ability required for the seasonal crew position. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- 18 years or older
- Fully Vaccinated for Covid-19 by start of season
- CPR and First Aid (current certification at time of season start)
- Washington State Food Handlers Card (current certification at time of season start)
- Physical ability to participate in activities, haul, climb, balance, lift, stoop, kneel, sit
- Ability to pass pre-employment background check and drug test
- Ability to maintain high level of responsibility and accountability. Ability to monitor and supervise activities of shipmates and participants in potentially hazardous situations.
- Ability to interpret a variety of instructions furnished in written, oral, diagram or schedule form
- Strong communication, interpersonal, and leadership skills
- Ability to work in an outdoor environment with inclement weather conditions.
- Ability to maintain high level of responsibility and accountability. Ability to monitor and supervise activities of shipmates and participants in potentially hazardous situations.
- Ability to work well both individually and as a team member, as well as independently with small groups of students.
- Ability to stay positive when working with crew, adults and/or students over multiple days in relatively confined spaces of the vessel
- Proactive work ethic: willingness to help in any aspects of programming necessary and be flexible

**Desired Qualifications:**

- Prior experience with mechanical and electrical engineering, preference for prior marine engineering experience.
- Facilitation or teaching experience
- Experience working with youth (ages 10-17) and/or adults (ages from 18-90).
- Experience in Maritime via other ships, Maritime Academies, etc.
- Sailing experience is preferred, but not required
- Strong preference for medical training at WFR or above

**Mission**

Sound Experience sails the historic schooner *Adventuress* to educate, inspire, and empower an inclusive community that works to improve our marine environment and celebrates our maritime heritage.

**Vision**

We envision a future where everyone values Puget Sound/Salish Sea and the world's oceans and chooses to act as stewards of their treasured waters.

**Values**



- Transformative Education - changing our youth, our communities, and our world
- Learning Organization - evolving for and with our people
- Living Sustainably - acting for our waterways
- Partnering - sharing our collective strengths
- Integrity - doing the right thing
- All Are Welcome



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