



Seasonal Shipboard Position: Engineer

Accountability: Captain(s)

General Scope: The Engineer is 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 😊! You will also develop and maintain positive relationships with volunteers and participants, assist with sailing and ship maneuvers, deliver engineering curriculum during day and overnight programs as needed.

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. Note: Role may require longer hours than the rest of the crew, if equipment or systems need repair or maintenance.

As the Engineer, you will embody Sound Experience's inclusive and positive organizational culture. All Sound Experience employees should model kindness, a welcoming and positive attitude, physical and emotional safety, and care for people and the environment. You will positively represent Sound Experience to participants, the public, parents, and teachers through upholding the organization's vision, mission, and values at all times. The same culture extends to all "Office Watch" staff, Board Members, volunteers and dedicated donors. As a role model onboard, it is essential to establish, expect, and maintain a shipboard lifestyle of inclusivity, a supportive learning platform, and a welcoming community.

Compensation: Seasonal Paid Position. Monthly salary of \$2,000-\$2,200, depending on experience, plus meals and lodging aboard the ship during contracted sailing season.

Benefits: Housing and meals while onboard, 6-8 days off per month, paid sick leave, retirement plan eligibility, and on-the-job professional development and opportunity to apply for training scholarship support. 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.
- 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 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
- Current with flu and Covid vaccinations by start of sailing 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 perform daily activities including hauling, climbing, balancing, lifting, stooping/crouching, kneeling, sitting
- 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 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