



## SHORERIVERS SEEKS CAD TECHNICIAN

ShoreRivers seeks a Computer Aided Design (CAD) Technician to assist in delivering restoration projects that support our efforts to achieve healthy waterways across Maryland's Eastern Shore. The ideal candidate will be a driven, energetic professional who is enthusiastic about restoring the natural environment and pursuing a career in restoration design.

The CAD Technician is directly supervised by the ShoreRivers Engineer and is part of the Agriculture and Restoration department. This fully grant-funded position is based primarily in the Easton office. This is a full-time, temporary position for one year beginning January, 2021; there is potential to convert the position to full-time, permanent by the end of 2021, dependent on funding. The employee must be flexible to work outdoors in sometimes-harsh terrain and weather and to travel when necessary. The employee must be willing to live in the communities we serve. This position offers a competitive benefits package and a salary range between \$45,000-\$60,000, based on experience.

To apply, send resume and one page cover letter to Ann Frock, Office Manager, at [afrock@shorerivers.org](mailto:afrock@shorerivers.org) by Wednesday, December 16, 2020.

### RESPONSIBILITIES

The successful candidate will work alongside the Engineer in the following main areas:

- **Assisting with topographic surveys** of restoration sites using GIS and Total Station survey equipment.
- **Undertaking analysis and design of restoration/Drainage Water Management components.** This includes, but is not limited to, hydrologic analysis of watersheds, design of open channel systems, wetland water budget calculations, and sizing agricultural drainage systems.
- **Producing construction and permitting drawings and plan sets** using Civil 3D, creating schedules of materials, and putting together permit applications.

#### Main Office

114 Washington St., Ste. 301  
Easton, MD 21601  
443.385.0511

#### Regional Office

207 S. Water St., Unit B  
Chestertown, MD 21620  
410.810.7556

#### Regional Office

7479 Augustine Herman Hwy.  
Georgetown, MD 21930  
410.275.1400

[shorerivers.org](http://shorerivers.org)

## POSITION REQUIREMENTS AND QUALIFICATIONS

The CAD Technician must have a strong commitment to environmental protection and to ShoreRivers' mission.

### EXPERIENCE & EDUCATION

- Bachelor's degree in civil engineering, geography, landscape design or similar field
- 1+ year's work experience in a relevant field
- Demonstrated experience with restoration-based design projects such as stream and wetland restoration

### REQUIRED SKILLS & ABILITIES

- Excellent written and oral communication skills
- Critical thinking, analysis, and problem solving skills
- Ability to work independently
- Ability to work as a team player and collaborate effectively
- Knowledge of ecological restoration techniques, and design
- Experience with Autodesk Civil 3D, ArcGIS and Hydrology/Storm Water Management Analysis packages
- Experience with surveying techniques and equipment

## SHORERIVERS

ShoreRivers seeks to protect and restore Eastern Shore waterways through science-based advocacy, restoration, and education. We have a dedicated staff of Riverkeepers, educators, scientists, restoration specialists, and advocates focused on policies and projects that will improve the health of our rivers. Our staff are a strong, collective voice for Eastern Shore waterways.

ShoreRivers believes that diversity, equity, inclusion, and justice in our staff, board, supporters, and programs is critical to achieving our mission of clean water. We believe that access to waterways fuels environmental stewardship; inclusion of diverse communities is essential to long term success; and diverse representation in our membership, staff, and board makes us stronger.

ShoreRivers believes that swimmable, fishable, clean, and safe rivers are for everyone in our communities. ShoreRivers is an equal opportunity employer and welcomes all applicants.