JOE MANIACI

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HTML • CSS • Bootstrap • Bulma • JavaScript • JQuery • Ajax • Node

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— Full stack web developer utilizing a background in environmental consulting to find unique solutions to meet client's needs. Recently earned a certificate in full stack development from The Ohio State University, with newly developed skills in semantic HTML, JavaScript, CSS, and Node.js. A self-starter with a passion for problem solving who collaborates well with diverse cross functional groups to efficiently deliver results. On recent projects, while working on a team of 4 developers, I leveraged GitHub projects and issues to streamline workflow and increase productivity. I enjoy creating projects with a simple and clean UI that provides a seamless user experience. I look forward to creating responsive web pages as a part of a collaborative, client focused team. —

PROJECTS

Bed 'N Brews
https://maniac-i.github.io/Beds-N-Brews/

Technologies: HTML, CSS, Bulma, Javascript, JQuery, Ajax, Brewery DB API, Hotels API

Description: When traveling to a new city, search on Bed 'N Brews to locate hotels and breweries. Enter in a city a you'll be provided with a list of hotels with a map of the hotel location, as well as a list of breweries with their address and website URL.

Weather Dashboard
https://maniac-i.github.io/Weather-Dashboard/

Technologies: HTML, CSS, Bootstrap, Javascript, JQuery, Ajax, OpenWeather API

Description: This Weather Dashboard displays the current weather, including, the temperature, humidity, wind speed and UV index, as well as, the 5 day forecast with the temperature and humidity for a searched city.

Day Schedule
https://maniac-i.github.io/Day-Schedule/

Technologies: HTML, CSS, Bootstrap, Javascript, JQuery

Description: This day planner allows users to add events within the contexts of the current work day. Each time block is color-coded to indicate whether it is in the past, present, or future. Upon refreshing the page, the saved events persist.

EXPERIENCE

Shoener Environmental • Columbus, Ohio
Sr. Wetland Ecologist, 2020-present

Charged with providing full service ecological expertise— Leading teams of Wetland Ecologists to execute environmental assessments in order to meet client permitting requirements.

→ **Lead wetland and waterway field delineations** using the 1987 Corps of Engineers Wetland Delineations Manual at mostly renewable energy (wind and solar) projects in the Midwest area. Guide lesser experienced team members on environmental assessment methods.
→ P**rovide 401/404 permitting support for renewable energy sites,** draft technical documents, for client, agency, and public review.
→ **Partner with cross-functional internal groups**, and external regulatory agencies to provide clients with a suite of permitting consultation.
→ **Responsible for ensuring protocols** are maintained and permit conditions are met.
→ **Conduct scientific field research and data collection** and perform field inspections and report preparation in association with wetland (and potentially plant and wildlife) studies in the Midwest.

Hull & Associates • Dublin, Ohio
Ecologist II, 2019-2020

Dedicated to conducting wetland delineations, stream and habitat assessments for varying projects- Serving Oil and Gas, Department of Transportation, and Renewable Energy industry clients.

→ **Environmental laws and regulations experience** including the Endangered Species Act, National Environment Policy Act, Clean Water Act and Fish and Wildlife Coordination Act to advise clients, write reports/permits and conduct field investigations.

→ **Presented findings and results of delineations to cooperators, partners, and teammates**, through written and verbal communication. Provided suggestions on conducting field work, how permit mapping figures should appear, and efficient data collection methods

→ **Prepared technical reports and 401/404 permits**, Nation Wide Permit Compliance Documents, Pre-Construction Notifications for Nationwide Permits and Regional General Permits, Ohio EPA Director's Authorization Requests, Ecological reports and Level 1 and 2 Ecological Survey Reports.

→ **Oversaw environmental construction and storm water pollution prevention plan** monitoring. Implemented mitigation plans at mitigation sites.

HZW Environmental • Mentor, Ohio
Wetland Biologist 2016-2019

Strived to meet the ecological needs of Commercial and Residential developers by preforming environmental assessments and preparing accompanying reports and 404 permits.

→ **Executed wetland delineation and habitat assessment** involving extensive collection of vegetation, soil, and environmental data, identification of plant species, and completion of field survey forms in compliance with the Army Corps of Engineers manual.

→ **Environmental assessment methods included**: Qualitative Habitat Evaluation Index, Headwater Habitat Evaluation Index, Headwater Macroinvertebrate Field Evaluation Index, Ohio Rapid Assessment Method for Wetlands, Bank Erosion Hazard Index, Vegetation Index of Biotic Integrity, and Stream and Wetlands Valuation Metric.

→ **Composed thorough technical reports and permits** including wetland delineation reports, Army Corp of Engineers Section 401/404 permits and Ohio Department of Transportation Ecological Survey Reports.

EDUCATION & DEVELOPMENT

Ohio State University, Columbus, OH
Certificate, Full Stack Web Development, 2021

Cleveland State University, Cleveland, OH
Bachelor of Science (BS), Biology, 2013

AFFILIATIONS & INVOLVEMENT

Young Life • **Member/ Committee Co-Chair**   2019-present