

Megan Cochran

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EDUCATION

Ohio State University

Columbus, OH

B.S. Biological Engineering

Aug 2017 – Dec 2021

Relevant Coursework: Thermodynamics, Instruments and Measurements, System Dynamics, Engineering Economics, Heat & Mass Transfer, Energy in Biological Systems, Appropriate Technologies in Developing Countries

Skills: MATLAB, Solidworks, AutoCAD, Zoom Administration, Adobe Creative Cloud

WORK EXPERIENCE

Turner Construction Company

Columbus, OH

Procurement Assistant

February 2022 – Present

- Creates bid lists, levels bids, and aids in the selection of a bidder based on company size, financial stability, and cost of labor to complete chosen scopes of work for Turner's multi-million-dollar contracts
- Conducts a thorough prequalification process of selected bidders to mitigate risk of default by evaluating CPA audited financial statement, OSHA records, experience modifier rates, and past project experience

Assistant Engineer

May 2022 – Present

- Responsible for the mass excavation tradesmen on Turner's New Albany Data Center project to ensure that contractual specifications are being met, work is conducted safely, and change orders are processed as needed

Ohio State Facilities Operations and Development

Columbus, OH

Water Resource Engineer Intern

March 2020 – February 2022

- Conducts and analyses building water audits to characterize and reduce inefficient water uses
- Creates informational water usage infographics using Microsoft Office for University outreach and education
- Conducts research to support a cost benefit analysis of using green infrastructure on campus

Cardinal Health

Dublin, OH

AV Engineering & Meeting Technologies Intern

May 2021 – December 2021

- Manages the broadcast and operation of AV equipment for Zoom meetings and webinars with up to 10,000 attendees, including C-Suite executives
- Produces, records, and edits podcasts and informational videos using Adobe After Effects and Premiere Pro

PROJECT & LEADERSHIP EXPERIENCE

Turner Construction Healthy Homes Volunteer Event

Southside Neighborhood, Columbus, OH

Class Facilitator

May 2022 – Present

- Coordinates homeowner requests, event logistics, donated materials, and volunteer labor needed to complete the exterior renovation and clean-up of 16 selected houses from an underprivileged local community

WaterHub Live Interactive Quality Report

Columbus, OH

Project Leader

Aug 2020 – May 2021

- Developed and designed an automated GUI dashboard that displays the EPA wastewater treatment parameters of the hydroponic wastewater treatment facility for use as a regulatory and educational tool
- Responsible for facilitating client meetings, mitigating internal conflicts, and delegating tasks amongst the team

Pit Latrine Liner Human Centered Design

Columbus, OH

Project Leader

Dec 2021 – May 2021

- Designed a low-cost, reusable pit latrine system to combat the danger of pit collapse in majority world countries
- Evaluated the economic feasibility and potential social acceptance of the design through research, experimentation, SolidWorks modeling, and 3D printed prototypes
- Utilized AutoCAD and GIS to accurately model the wetland and its ecological services

INTERESTS

Hiking, Cooking, Entrepreneurship, Painting, The Marvel Cinematic Universe, Web3, Raspberry Pi projects